

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023851.D
 Acq On : 01 Feb 2025 09:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Quant Time: Feb 03 08:20:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	596726	20.000	ng/u1	0.02
20) Naphthalene-d8	10.552	136	2551863	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1635704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.187	188	3164256	20.000	ng/u1	-0.02
79) Chrysene-d12	21.628	240	3216004	20.000	ng/u1	-0.02
88) Perylene-d12	25.004	264	3353793	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	121050	8.428	ng/uL	0.01
4) Pyridine-d5	3.705	84	900317	21.725	ng/u1	0.01
7) Phenol-d5	6.969	99	1139458	21.577	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.117	67	606648	21.703	ng/u1	0.02
11) 2-Chlorophenol-d4	7.322	132	914380	22.050	ng/u1	0.01
15) 4-Methylphenol-d8	8.487	113	920829	21.346	ng/u1	0.02
21) Nitrobenzene-d5	8.922	128	454268	22.250	ng/u1	0.01
24) 2-Nitrophenol-d4	9.640	143	482936	21.922	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	901923	22.317	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	1311806	21.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	2555519	20.946	ng/u1	0.00
49) Acenaphthylene-d8	14.087	160	3034854	22.055	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	502164	20.725	ng/u1	0.00
60) Fluorene-d10	15.398	176	2202288	21.434	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	373873	19.152	ng/u1	-0.02
73) Anthracene-d10	17.292	188	3427927	22.064	ng/u1	-0.02
81) Pyrene-d10	19.657	212	3842788	22.300	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.769	264	3857923	22.047	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	126383	8.368	ng/uL	99
5) Pyridine	3.728	79	898046	21.644	ng/u1	98
6) Benzaldehyde	6.928	77	693066	26.740	ng/u1	99
8) Phenol	6.993	94	1173737	21.646	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	895812	21.702	ng/u1	100
12) 2-Chlorophenol	7.358	128	937480	21.943	ng/u1	99
13) 2-Methylphenol	8.228	108	875748	21.464	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	925117	21.724	ng/u1	100
16) Acetophenone	8.593	105	1451173	22.005	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.575	70	671961	21.638	ng/u1	97
18) 4-Methylphenol	8.552	108	982136	21.696	ng/u1	99
19) Hexachloroethane	8.852	117	364020	21.548	ng/u1	97
22) Nitrobenzene	8.963	77	991529	22.378	ng/u1	98
23) Isophorone	9.493	82	1907778	21.325	ng/u1	99
25) 2-Nitrophenol	9.669	139	532432	22.158	ng/u1	98
26) 2,4-Dimethylphenol	9.740	107	980255	22.041	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.963	93	1193410	21.416	ng/u1	100
29) 2,4-Dichlorophenol	10.210	162	904923	22.080	ng/u1	98
30) Naphthalene	10.605	128	2993521	21.915	ng/u1	100
32) 4-Chloroaniline	10.710	127	1237000	21.687	ng/u1	99
33) Hexachlorobutadiene	10.893	225	531595	21.426	ng/u1	99
34) Caprolactam	11.493	113	320703	20.199	ng/u1	98
35) 4-Chloro-3-methylphenol	11.846	107	951694	21.602	ng/u1	98
36) 2-Methylnaphthalene	12.210	142	2060933	21.459	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023851.D
 Acq On : 01 Feb 2025 09:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Quant Time: Feb 03 08:20:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	2065532	21.679	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.581	216	1074699	22.225	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	483736	17.753	ng/ul	100
41) 2,4,6-Trichlorophenol	12.822	196	701706	21.724	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	777119	22.321	ng/ul	100
43) 1,1'-Biphenyl	13.228	154	2697410	22.216	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	2088926	22.080	ng/ul	99
45) 2-Nitroaniline	13.469	65	549163	22.303	ng/ul	96
47) Dimethylphthalate	13.851	163	2525345	20.803	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	514415	21.683	ng/ul	98
50) Acenaphthylene	14.116	152	3257161	22.227	ng/ul	99
51) 3-Nitroaniline	14.293	138	586958	22.513	ng/ul	94
52) Acenaphthene	14.463	153	2274236	21.889	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	225830	15.967	ng/ul	97
55) 4-Nitrophenol	14.634	109	368879	21.519	ng/ul	97
56) Dibenzofuran	14.804	168	3155444	21.917	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	756960	21.451	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.034	232	633699	21.390	ng/ul	96
59) Diethylphthalate	15.228	149	2505644	20.602	ng/ul	99
61) Fluorene	15.457	166	2635905	22.070	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1287965	21.785	ng/ul	99
63) 4-Nitroaniline	15.475	138	623445	24.577	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.534	198	413175	19.252	ng/ul	96
67) N-Nitrosodiphenylamine	15.669	169	2160925	22.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	763827	21.396	ng/ul	99
69) Hexachlorobenzene	16.481	284	930644	21.515	ng/ul	99
70) Atrazine	16.645	200	787615	21.061	ng/ul	99
71) Pentachlorophenol	16.834	266	540498	20.315	ng/ul	99
72) Phenanthrene	17.234	178	3947856	22.093	ng/ul	100
74) Anthracene	17.328	178	4027064	22.347	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.193	216	1061255	22.904	ng/ul	99
76) Pentachlorobenzene	14.722	250	1126926	22.568	ng/ul	98
77) Carbazole	17.604	167	3637803	23.042	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4228218	21.639	ng/ul	100
80) Fluoranthene	19.310	202	4398969	22.162	ng/ul	100
82) Pyrene	19.686	202	4779139	23.025	ng/ul	98
83) Butylbenzylphthalate	20.633	149	1893556	21.184	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.528	252	1464061	21.041	ng/ul	99
85) Benzo(a)anthracene	21.610	228	4626966	21.879	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	2711095	20.788	ng/ul	100
87) Chrysene	21.675	228	4258594	21.855	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	4402100	21.896	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	4474449	21.987	ng/ul	100
91) Benzo(k)fluoranthene	24.004	252	4463848	21.881	ng/ul	99
93) Benzo(a)pyrene	24.845	252	4138993	21.779	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.833	276	5364969m	21.779	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	4345583	21.747	ng/ul	99
96) Benzo(g,h,i)perylene	30.027	276	4072103	21.582	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

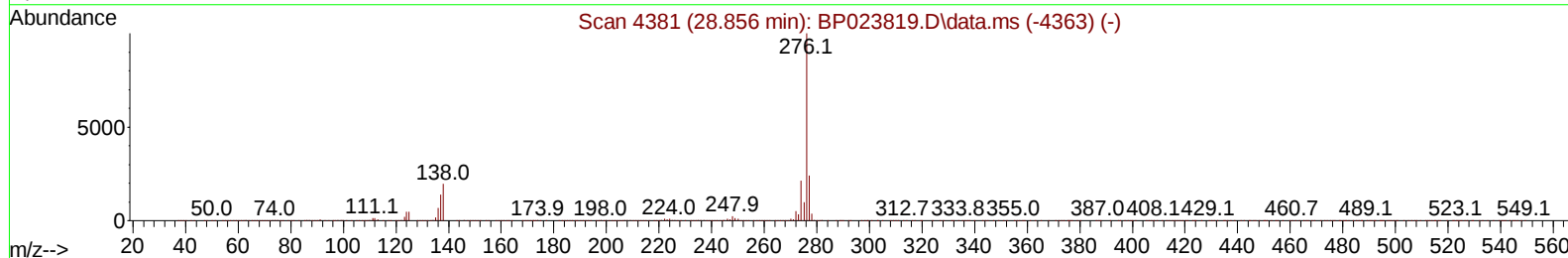
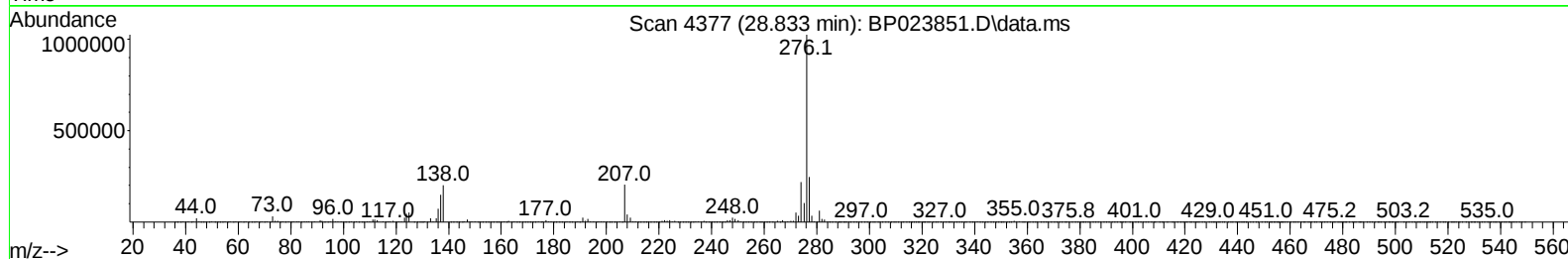
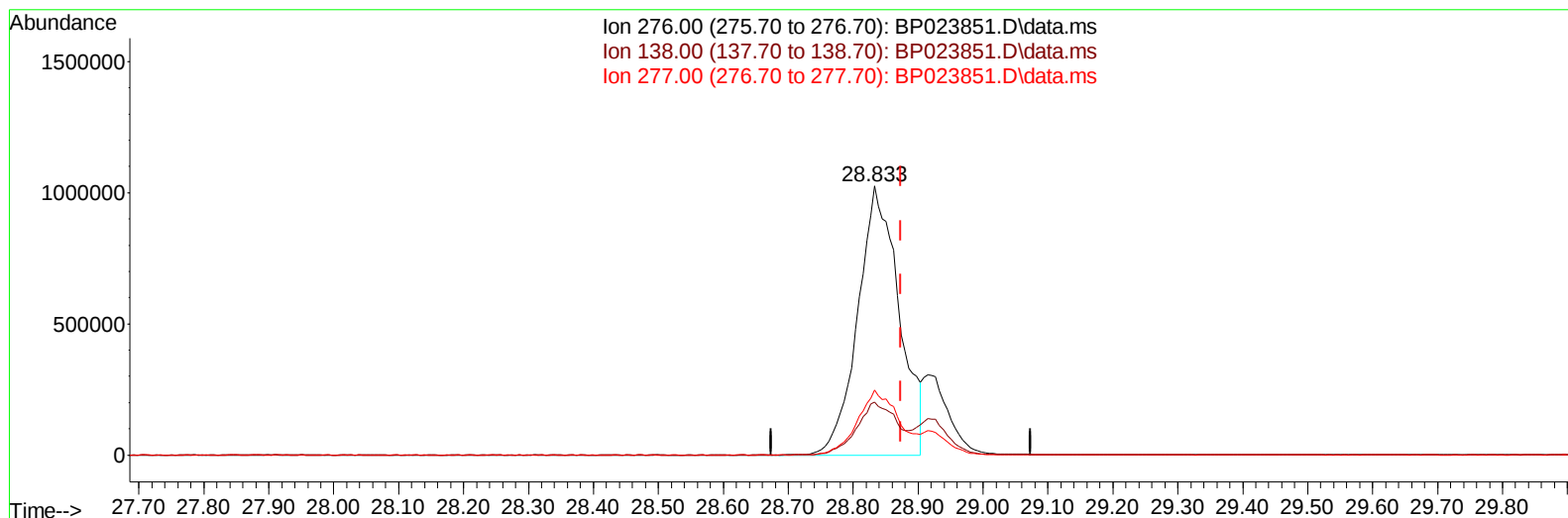
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023851.D
 Acq On : 01 Feb 2025 09:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:19:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration



TIC: BP023851.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.833min (-0.041) 18.41 ng/u1

response 4535243

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.76
277.00	23.70	24.11
0.00	0.00	0.00

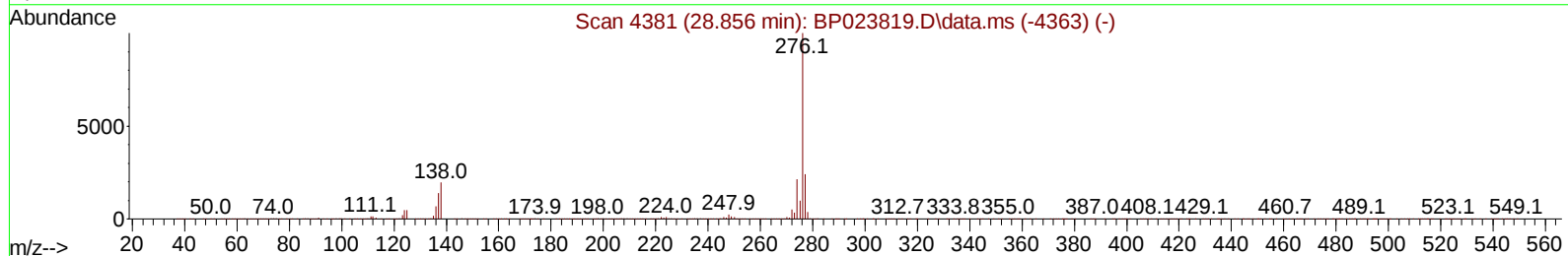
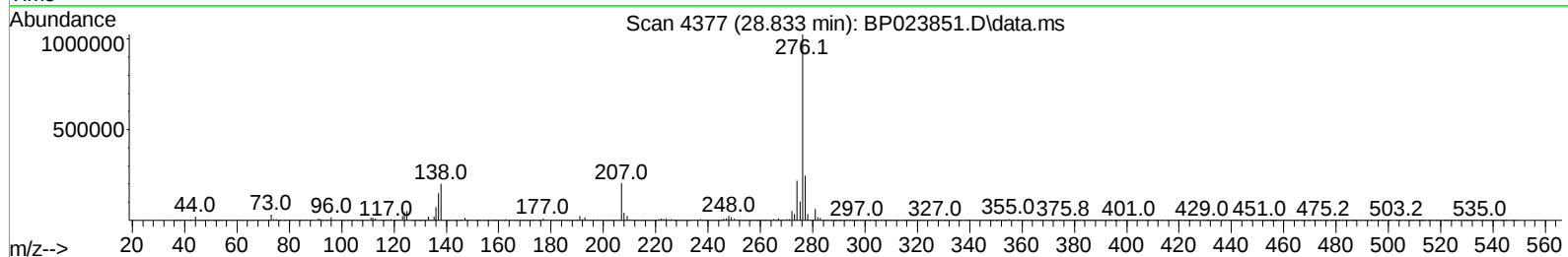
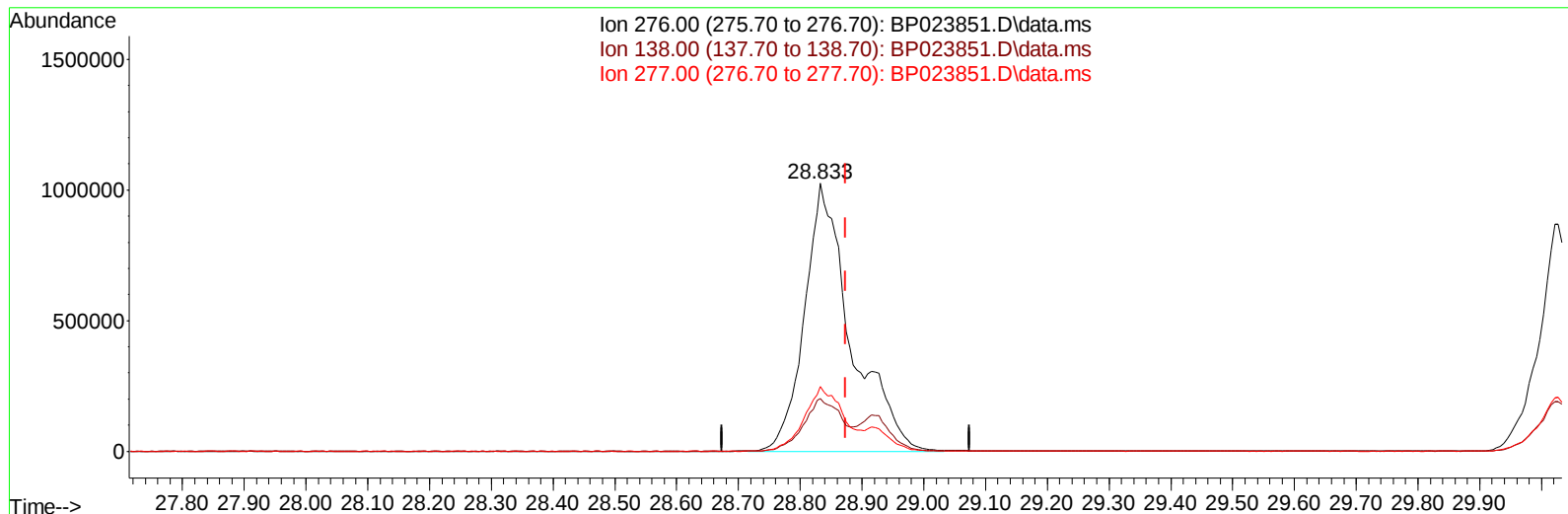
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023851.D
Acq On : 01 Feb 2025 09:02
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020787

Quant Time: Feb 03 08:19:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BP023851.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.833min (-0.041) 21.78 ng/ul m

response 5364969

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.76
277.00	23.70	24.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023851.D
 Acq On : 01 Feb 2025 09:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:20:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	596726	20.000	ng/ul	0.02
20) Naphthalene-d8	10.552	136	2551863	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1635704	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	3164256	20.000	ng/ul	-0.02
79) Chrysene-d12	21.628	240	3216004	20.000	ng/ul	-0.02
88) Perylene-d12	25.004	264	3353793	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	121050	8.428	ng/uL	0.01
4) Pyridine-d5	3.705	84	900317	21.725	ng/ul	0.01
7) Phenol-d5	6.969	99	1139458	21.577	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.117	67	606648	21.703	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	914380	22.050	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	920829	21.346	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	454268	22.250	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	482936	21.922	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	901923	22.317	ng/ul	0.01
31) 4-Chloroaniline-d4	10.687	131	1311806	21.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2555519	20.946	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	3034854	22.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	502164	20.725	ng/ul	0.00
60) Fluorene-d10	15.398	176	2202288	21.434	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	373873	19.152	ng/ul	-0.02
73) Anthracene-d10	17.292	188	3427927	22.064	ng/ul	-0.02
81) Pyrene-d10	19.657	212	3842788	22.300	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.769	264	3857923	22.047	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	126383	8.368	ng/uL	99
5) Pyridine	3.728	79	898046	21.644	ng/ul	98
6) Benzaldehyde	6.928	77	693066	26.740	ng/ul	99
8) Phenol	6.993	94	1173737	21.646	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	895812	21.702	ng/ul	100
12) 2-Chlorophenol	7.358	128	937480	21.943	ng/ul	99
13) 2-Methylphenol	8.228	108	875748	21.464	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	925117	21.724	ng/ul	100
16) Acetophenone	8.593	105	1451173	22.005	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	671961	21.638	ng/ul	97
18) 4-Methylphenol	8.552	108	982136	21.696	ng/ul	99
19) Hexachloroethane	8.852	117	364020	21.548	ng/ul	97
22) Nitrobenzene	8.963	77	991529	22.378	ng/ul	98
23) Isophorone	9.493	82	1907778	21.325	ng/ul	99
25) 2-Nitrophenol	9.669	139	532432	22.158	ng/ul	98
26) 2,4-Dimethylphenol	9.740	107	980255	22.041	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	1193410	21.416	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	904923	22.080	ng/ul	98
30) Naphthalene	10.605	128	2993521	21.915	ng/ul	100
32) 4-Chloroaniline	10.710	127	1237000	21.687	ng/ul	99
33) Hexachlorobutadiene	10.893	225	531595	21.426	ng/ul	99
34) Caprolactam	11.493	113	320703	20.199	ng/ul	98
35) 4-Chloro-3-methylphenol	11.846	107	951694	21.602	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023851.D
 Acq On : 01 Feb 2025 09:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:20:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	2060933	21.459	ng/ul	100
37) 1-Methylnaphthalene	12.434	142	2065532	21.679	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.581	216	1074699	22.225	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	483736	17.753	ng/ul	100
41) 2,4,6-Trichlorophenol	12.822	196	701706	21.724	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	777119	22.321	ng/ul	100
43) 1,1'-Biphenyl	13.228	154	2697410	22.216	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	2088926	22.080	ng/ul	99
45) 2-Nitroaniline	13.469	65	549163	22.303	ng/ul	96
47) Dimethylphthalate	13.851	163	2525345	20.803	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	514415	21.683	ng/ul	98
50) Acenaphthylene	14.116	152	3257161	22.227	ng/ul	99
51) 3-Nitroaniline	14.293	138	586958	22.513	ng/ul	94
52) Acenaphthene	14.463	153	2274236	21.889	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	225830	15.967	ng/ul	97
55) 4-Nitrophenol	14.634	109	368879	21.519	ng/ul	97
56) Dibenzofuran	14.804	168	3155444	21.917	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	756960	21.451	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.034	232	633699	21.390	ng/ul	96
59) Diethylphthalate	15.228	149	2505644	20.602	ng/ul	99
61) Fluorene	15.457	166	2635905	22.070	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1287965	21.785	ng/ul	99
63) 4-Nitroaniline	15.475	138	623445	24.577	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.534	198	413175	19.252	ng/ul	96
67) N-Nitrosodiphenylamine	15.669	169	2160925	22.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	763827	21.396	ng/ul	99
69) Hexachlorobenzene	16.481	284	930644	21.515	ng/ul	99
70) Atrazine	16.645	200	787615	21.061	ng/ul	99
71) Pentachlorophenol	16.834	266	540498	20.315	ng/ul	99
72) Phenanthrene	17.234	178	3947856	22.093	ng/ul	100
74) Anthracene	17.328	178	4027064	22.347	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.193	216	1061255	22.904	ng/uL	99
76) Pentachlorobenzene	14.722	250	1126926	22.568	ng/uL	98
77) Carbazole	17.604	167	3637803	23.042	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4228218	21.639	ng/ul	100
80) Fluoranthene	19.310	202	4398969	22.162	ng/ul	100
82) Pyrene	19.686	202	4779139	23.025	ng/ul	98
83) Butylbenzylphthalate	20.633	149	1893556	21.184	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.528	252	1464061	21.041	ng/ul	99
85) Benzo(a)anthracene	21.610	228	4626966	21.879	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	2711095	20.788	ng/ul	100
87) Chrysene	21.675	228	4258594	21.855	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	4402100	21.896	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	4474449	21.987	ng/ul	100
91) Benzo(k)fluoranthene	24.004	252	4463848	21.881	ng/ul	99
93) Benzo(a)pyrene	24.845	252	4138993	21.779	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.833	276	5364969m	21.779	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	4345583	21.747	ng/ul	99
96) Benzo(g,h,i)perylene	30.027	276	4072103	21.582	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

