

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
 Data File : BP012827.D
 Acq On : 28 Nov 2022 21:38
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

Quant Time: Nov 29 00:39:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	582153	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	2586984	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1727541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3601332	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	3020419	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	2361415	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	111315	8.194	ng/uL	0.00
4) Pyridine-d5	3.823	84	830660	20.432	ng/u1	0.00
7) Phenol-d5	7.164	99	961877	20.107	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	608103	20.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	769055	21.098	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	805248	20.892	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	375970	23.745	ng/u1	0.00
24) 2-Nitrophenol-d4	9.905	143	414295	24.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	856097	21.823	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1153415	21.471	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2526963	21.251	ng/u1	0.00
49) Acenaphthylene-d8	14.346	160	2952618	21.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	438275	20.673	ng/u1	0.00
60) Fluorene-d10	15.645	176	2236681	21.478	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	372144	21.620	ng/u1	0.00
73) Anthracene-d10	17.504	188	3405238	21.480	ng/u1	0.00
81) Pyrene-d10	19.733	212	3682745	20.984	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2413820	20.810	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	121048	8.297	ng/uL	98
5) Pyridine	3.840	79	810872	20.384	ng/u1	100
6) Benzaldehyde	7.146	77	520561	22.287	ng/u1	99
8) Phenol	7.193	94	1027523	20.485	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.434	93	849657	20.674	ng/u1	98
12) 2-Chlorophenol	7.575	128	835793	21.079	ng/u1	99
13) 2-Methylphenol	8.452	108	799965	20.520	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1205283	20.332	ng/u1	99
16) Acetophenone	8.840	105	1325339	21.695	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	650171	21.605	ng/u1	98
18) 4-Methylphenol	8.781	108	892393	20.785	ng/u1	99
19) Hexachloroethane	9.105	117	321117	21.119	ng/u1	99
22) Nitrobenzene	9.222	77	935024	22.516	ng/u1	99
23) Isophorone	9.752	82	1885536	20.596	ng/u1	99
25) 2-Nitrophenol	9.940	139	482248	23.897	ng/u1	97
26) 2,4-Dimethylphenol	9.993	107	969116	21.611	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.234	93	1186284	21.135	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	880574	21.669	ng/u1	99
30) Naphthalene	10.881	128	2861490	21.124	ng/u1	100
32) 4-Chloroaniline	10.987	127	1203626	21.817	ng/u1	100
33) Hexachlorobutadiene	11.169	225	582525	21.521	ng/u1	99
34) Caprolactam	11.757	113	254627m	20.405	ng/u1	
35) 4-Chloro-3-methylphenol	12.099	107	902215	21.924	ng/u1	99
36) 2-Methylnaphthalene	12.481	142	2019372	21.648	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	2024094	21.650	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.846	216	1171724	21.270	ng/u1	99
40) Hexachlorocyclopentadiene	12.828	237	557800	21.014	ng/u1	99
41) 2,4,6-Trichlorophenol	13.081	196	750142	21.763	ng/u1	100
42) 2,4,5-Trichlorophenol	13.152	196	798105	21.539	ng/u1	98
43) 1,1'-Biphenyl	13.487	154	2654975	21.097	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	2126220	21.119	ng/u1	100
45) 2-Nitroaniline	13.728	65	503924	25.582	ng/u1	99
47) Dimethylphthalate	14.104	163	2657175	21.318	ng/u1	100
48) 2,6-Dinitrotoluene	14.222	165	484868	24.856	ng/u1	98
50) Acenaphthylene	14.375	152	3234104	21.318	ng/u1	100
51) 3-Nitroaniline	14.551	138	482291	21.348	ng/u1	97
52) Acenaphthene	14.716	153	2256372	21.125	ng/u1	98
53) 2,4-Dinitrophenol	14.751	184	239339	19.094	ng/u1	96
55) 4-Nitrophenol	14.846	109	311733	20.239	ng/u1	94
56) Dibenzofuran	15.046	168	3133002	21.281	ng/u1	99
57) 2,4-Dinitrotoluene	15.004	165	693635	24.096	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.269	232	697888	21.852	ng/u1	99
59) Diethylphthalate	15.469	149	2553408	21.163	ng/u1	99
61) Fluorene	15.698	166	2570697	21.774	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.693	204	1329138	21.698	ng/u1	100
63) 4-Nitroaniline	15.710	138	428192	22.238	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.769	198	408798	22.126	ng/u1	95
67) N-Nitrosodiphenylamine	15.904	169	2190897	21.406	ng/u1	99
68) 4-Bromophenyl-phenylether	16.587	248	789276	22.268	ng/u1	98
69) Hexachlorobenzene	16.704	284	963250	21.322	ng/u1	98
70) Atrazine	16.857	200	732019	20.846	ng/u1	99
71) Pentachlorophenol	17.045	266	553132	19.938	ng/u1	99
72) Phenanthrene	17.445	178	4055257	21.128	ng/u1	99
74) Anthracene	17.540	178	4070416	21.436	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1176674	21.134	ng/uL	99
76) Pentachlorobenzene	14.969	250	1241906	21.458	ng/uL	99
77) Carbazole	17.804	167	3572752	22.241	ng/u1	100
78) Di-n-butylphthalate	18.351	149	4083044	21.471	ng/u1	100
80) Fluoranthene	19.404	202	4526455	20.735	ng/u1	100
82) Pyrene	19.757	202	4636929	20.537	ng/u1	100
83) Butylbenzylphthalate	20.628	149	1431387	27.092	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.398	252	1129511	20.364	ng/u1	98
85) Benzo(a)anthracene	21.475	228	4084245	19.550	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1961300	24.273	ng/u1	99
87) Chrysene	21.528	228	3803147	18.828	ng/u1	100
89) Di-n-octyl phthalate	22.351	149	2739040	20.312	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	3399693	19.442	ng/u1	99
91) Benzo(k)fluoranthene	23.280	252	3380116	19.365	ng/u1	98
93) Benzo(a)pyrene	23.892	252	2840136	19.752	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	2928064	21.106	ng/u1	99
95) Dibenzo(a,h)anthracene	26.657	278	2660337	21.134	ng/u1	98
96) Benzo(g,h,i)perylene	27.445	276	2548947	21.361	ng/u1	99

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

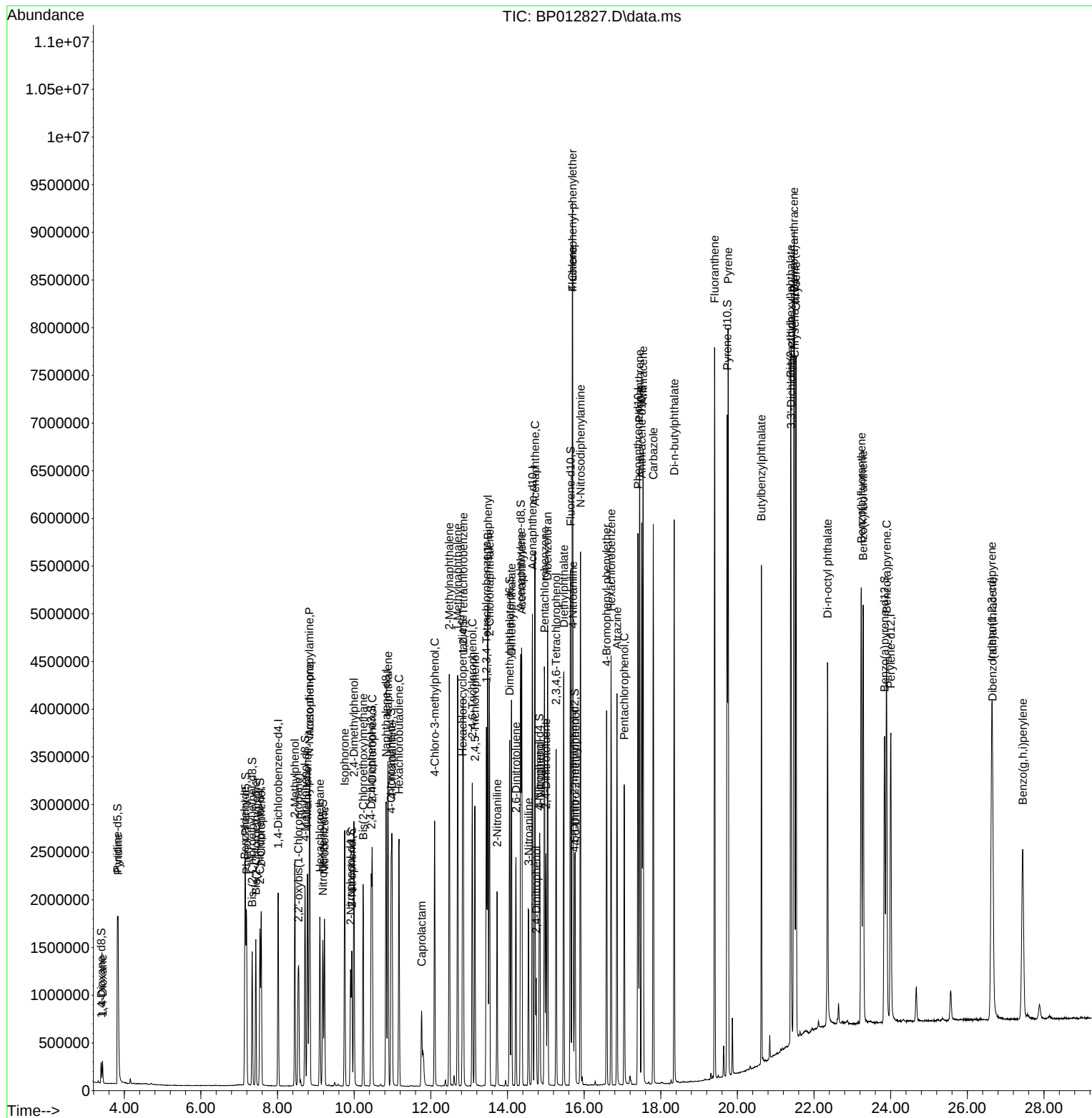
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64) Phenanthrene-d10	17.404	188	3601332	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	3020419	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	2361415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	111315	8.194	ng/uL	0.00
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11) 2-Chlorophenol-d4	7.540	132	769055	21.098	ng/ul	0.00
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24) 2-Nitrophenol-d4	9.905	143	414295	24.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	856097	21.823	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1153415	21.471	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2526963	21.251	ng/ul	0.00
49) Acenaphthylene-d8	14.346	160	2952618	21.281	ng/ul	0.00
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60) Fluorene-d10	15.645	176	2236681	21.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	372144	21.620	ng/ul	0.00
73) Anthracene-d10	17.504	188	3405238	21.480	ng/ul	0.00
81) Pyrene-d10	19.733	212	3682745	20.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2413820	20.810	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	121048	8.297	ng/uL	98
5) Pyridine	3.840	79	810872	20.384	ng/ul	100
6) Benzaldehyde	7.146	77	520561	22.287	ng/ul	99
8) Phenol	7.193	94	1027523	20.485	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	849657	20.674	ng/ul	98
12) 2-Chlorophenol	7.575	128	835793	21.079	ng/ul	99
13) 2-Methylphenol	8.452	108	799965	20.520	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1205283	20.332	ng/ul	99
16) Acetophenone	8.840	105	1325339	21.695	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	650171	21.605	ng/ul	98
18) 4-Methylphenol	8.781	108	892393	20.785	ng/ul	99
19) Hexachloroethane	9.105	117	321117	21.119	ng/ul	99
22) Nitrobenzene	9.222	77	935024	22.516	ng/ul	99
23) Isophorone	9.752	82	1885536	20.596	ng/ul	99
25) 2-Nitrophenol	9.940	139	482248	23.897	ng/ul	97
26) 2,4-Dimethylphenol	9.993	107	969116	21.611	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.234	93	1186284	21.135	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	880574	21.669	ng/ul	99
30) Naphthalene	10.881	128	2861490	21.124	ng/ul	100
32) 4-Chloroaniline	10.987	127	1203626	21.817	ng/ul	100
33) Hexachlorobutadiene	11.169	225	582525	21.521	ng/ul	99
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35) 4-Chloro-3-methylphenol	12.099	107	902215	21.924	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	2019372	21.648	ng/ul	98
37) 1-Methylnaphthalene	12.699	142	2024094	21.650	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.846	216	1171724	21.270	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	557800	21.014	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	750142	21.763	ng/ul	100
42) 2,4,5-Trichlorophenol	13.152	196	798105	21.539	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	2654975	21.097	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2126220	21.119	ng/ul	100
45) 2-Nitroaniline	13.728	65	503924	25.582	ng/ul	99
47) Dimethylphthalate	14.104	163	2657175	21.318	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	484868	24.856	ng/ul	98
50) Acenaphthylene	14.375	152	3234104	21.318	ng/ul	100
51) 3-Nitroaniline	14.551	138	482291	21.348	ng/ul	97
52) Acenaphthene	14.716	153	2256372	21.125	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	239339	19.094	ng/ul	96
55) 4-Nitrophenol	14.846	109	311733	20.239	ng/ul	94
56) Dibenzofuran	15.046	168	3133002	21.281	ng/ul	99
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59) Diethylphthalate	15.469	149	2553408	21.163	ng/ul	99
61) Fluorene	15.698	166	2570697	21.774	ng/ul	99
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77) Carbazole	17.804	167	3572752	22.241	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4083044	21.471	ng/ul	100
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87) Chrysene	21.528	228	3803147	18.828	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	2739040	20.312	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3399693	19.442	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3380116	19.365	ng/ul	98
93) Benzo(a)pyrene	23.892	252	2840136	19.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	2928064	21.106	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	2660337	21.134	ng/ul	98
96) Benzo(g,h,i)perylene	27.445	276	2548947	21.361	ng/ul	99

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