

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023732.D
 Acq On : 25 Jan 2025 02:48
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020777

Quant Time: Jan 25 03:19:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 23 00:03:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	550284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2269039	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1379786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	2612582	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	2869204	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	2870664	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	115068	8.422	ng/uL	0.00
4) Pyridine-d5	3.705	84	824149	20.904	ng/u1	0.00
7) Phenol-d5	6.951	99	945417	20.304	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	567570	21.580	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	753962	21.299	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	738308	20.164	ng/u1	-0.01
21) Nitrobenzene-d5	8.934	128	361888	21.168	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	326878	20.856	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	697957	21.186	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	1078375	20.468	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	2024574	20.403	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2433694	21.191	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	381248	19.121	ng/u1	0.00
60) Fluorene-d10	15.422	176	1785084	21.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	223011	17.334	ng/u1	0.00
73) Anthracene-d10	17.310	188	2742596	21.866	ng/u1	0.00
81) Pyrene-d10	19.680	212	3071127	21.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.798	264	3049532	21.224	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	120333	8.326	ng/uL	98
5) Pyridine	3.722	79	838997	21.050	ng/u1	97
6) Benzaldehyde	6.934	77	645846	27.599	ng/u1	99
8) Phenol	6.981	94	1013384	20.799	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	809518	21.357	ng/u1	98
12) 2-Chlorophenol	7.357	128	799674	21.310	ng/u1	99
13) 2-Methylphenol	8.222	108	725351	20.515	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	861789	21.920	ng/u1	99
16) Acetophenone	8.598	105	1242376	21.128	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.587	70	572566	21.047	ng/u1	99
18) 4-Methylphenol	8.540	108	810006	20.605	ng/u1	99
19) Hexachloroethane	8.869	117	322907	21.054	ng/u1	99
22) Nitrobenzene	8.975	77	868293	21.739	ng/u1	99
23) Isophorone	9.498	82	1575862	20.743	ng/u1	99
25) 2-Nitrophenol	9.675	139	394738	21.452	ng/u1	100
26) 2,4-Dimethylphenol	9.740	107	804235	21.087	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.975	93	1033292	20.990	ng/u1	100
29) 2,4-Dichlorophenol	10.210	162	723015	21.229	ng/u1	99
30) Naphthalene	10.616	128	2589003	21.202	ng/u1	99
32) 4-Chloroaniline	10.716	127	1037490	20.627	ng/u1	99
33) Hexachlorobutadiene	10.910	225	448123	20.902	ng/u1	99
34) Caprolactam	11.475	113	233032	18.652	ng/u1	97
35) 4-Chloro-3-methylphenol	11.839	107	732540	20.763	ng/u1	100
36) 2-Methylnaphthalene	12.228	142	1710237	20.741	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023732.D
 Acq On : 25 Jan 2025 02:48
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020777

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

Quant Time: Jan 25 03:19:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 23 00:03:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1720137	20.868	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.592	216	880536	21.485	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	414805	19.864	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	515561	21.396	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	566790	21.297	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	2229997	21.480	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1726358	21.358	ng/ul	100
45) 2-Nitroaniline	13.475	65	413618	21.547	ng/ul	97
47) Dimethylphthalate	13.863	163	2009982	20.177	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	365764	20.585	ng/ul	97
50) Acenaphthylene	14.133	152	2645339	21.244	ng/ul	100
51) 3-Nitroaniline	14.304	138	427195	20.601	ng/ul	96
52) Acenaphthene	14.480	153	1851668	21.032	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	134673	15.439	ng/ul	97
55) 4-Nitrophenol	14.616	109	299341	20.458	ng/ul	97
56) Dibenzofuran	14.816	168	2524232	20.845	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	548932	20.650	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.045	232	450497	20.611	ng/ul	99
59) Diethylphthalate	15.251	149	1956586	19.970	ng/ul	100
61) Fluorene	15.475	166	2149365	21.299	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	1025104	20.754	ng/ul	97
63) 4-Nitroaniline	15.480	138	486841	23.075	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	264781	18.300	ng/ul	98
67) N-Nitrosodiphenylamine	15.686	169	1700931	21.677	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	582999	20.843	ng/ul	97
69) Hexachlorobenzene	16.498	284	692341	20.340	ng/ul	97
70) Atrazine	16.663	200	588357	20.328	ng/ul	98
71) Pentachlorophenol	16.851	266	392527	19.091	ng/ul	98
72) Phenanthrene	17.251	178	3219199	21.809	ng/ul	100
74) Anthracene	17.345	178	3195340	21.793	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	852580	22.494	ng/ul	99
76) Pentachlorobenzene	14.739	250	879714	21.849	ng/ul	99
77) Carbazole	17.621	167	2987238	23.196	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3165557	21.602	ng/ul	99
80) Fluoranthene	19.327	202	3556312	21.423	ng/ul	98
82) Pyrene	19.704	202	4025094	22.324	ng/ul	99
83) Butylbenzylphthalate	20.657	149	1289330	19.828	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	1022559	20.194	ng/ul	100
85) Benzo(a)anthracene	21.627	228	3936485	21.641	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	1998290	20.607	ng/ul	100
87) Chrysene	21.698	228	3667507	21.537	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	2852836	19.824	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	3648701	21.396	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	3803789	21.637	ng/ul	100
93) Benzo(a)pyrene	24.868	252	3486898	21.725	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.874	276	4229770m	21.203	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	3460657	21.355	ng/ul	99
96) Benzo(g,h,i)perylene	30.050	276	3263794m	21.268	ng/ul	

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

