

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018750.D
 Acq On : 12 Dec 2023 04:27
 Operator : MA/JU
 Sample : PB157521BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS521

Quant Time: Dec 12 05:25:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	150904	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	573286	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	370568	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	858309	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.310	240	966208	20.000	ng/u1	# 0.00
88) Perylene-d12	23.674	264	1162402	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25877	5.844	ng/uL	0.00
4) Pyridine-d5	3.676	84	339806	28.648	ng/u1	0.00
7) Phenol-d5	7.011	99	424619	28.039	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	244842	27.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	340829	28.843	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	332998	27.171	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	160758	31.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	176614	33.386	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	356215	32.931	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	424253	30.011	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1080293	32.663	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1149496	31.564	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	197126	36.310	ng/u1	0.00
60) Fluorene-d10	15.463	176	900392	32.433	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	188167	36.563	ng/u1	0.00
73) Anthracene-d10	17.316	188	1452099	32.181	ng/u1	0.00
81) Pyrene-d10	19.551	212	1916186	25.477	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	2333736	34.433	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	49920	10.280	ng/uL	97
5) Pyridine	3.699	79	347360	28.999	ng/u1	97
6) Benzaldehyde	6.981	77	215956	27.620	ng/u1	99
8) Phenol	7.034	94	423483	28.515	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	341884	28.031	ng/u1	99
12) 2-Chlorophenol	7.405	128	341077	28.520	ng/u1	98
13) 2-Methylphenol	8.287	108	312294	27.467	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	399868	25.839	ng/u1	97
16) Acetophenone	8.664	105	510320	27.940	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.658	70	243799	24.264	ng/u1	99
18) 4-Methylphenol	8.616	108	337861	27.214	ng/u1	99
19) Hexachloroethane	8.916	117	147259	30.035	ng/u1	86
22) Nitrobenzene	9.046	77	387686	31.251	ng/u1	99
23) Isophorone	9.569	82	711237	28.119	ng/u1	97
25) 2-Nitrophenol	9.752	139	191487	33.807	ng/u1	95
26) 2,4-Dimethylphenol	9.816	107	294344	26.571	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.058	93	444002	27.804	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	342377	32.861	ng/u1	97
30) Naphthalene	10.687	128	1046205	30.083	ng/u1	100
32) 4-Chloroaniline	10.799	127	346561	25.722	ng/u1	99
33) Hexachlorobutadiene	10.969	225	271423	38.897	ng/u1	99
34) Caprolactam	11.575	113	105914	33.152	ng/u1	94
35) 4-Chloro-3-methylphenol	11.928	107	358722	30.733	ng/u1	98
36) 2-Methylnaphthalene	12.293	142	733358	29.765	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	718330	28.870	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	483388	35.954	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	247182	31.018	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	291069	33.654	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	322876	34.434	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	988290	30.837	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	794534	31.389	ng/ul	99
45) 2-Nitroaniline	13.557	65	221555	32.287	ng/ul	99
47) Dimethylphthalate	13.934	163	1060371	32.571	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	216941	35.270	ng/ul	97
50) Acenaphthylene	14.193	152	1263706	30.863	ng/ul	100
51) 3-Nitroaniline	14.381	138	207955	33.869	ng/ul	100
52) Acenaphthene	14.534	153	848598	31.345	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	120539	36.977	ng/ul	93
55) 4-Nitrophenol	14.687	109	174003	42.423	ng/ul	84
56) Dibenzofuran	14.869	168	1210360	32.167	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	320412	37.033	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.093	232	280952	35.721	ng/ul	96
59) Diethylphthalate	15.298	149	1045082	32.805	ng/ul	100
61) Fluorene	15.516	166	982147	32.987	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	542446	34.738	ng/ul	96
63) 4-Nitroaniline	15.546	138	221021	37.785	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.598	198	198842	36.138	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	859132	30.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	371982	34.329	ng/ul	96
69) Hexachlorobenzene	16.516	284	450904	37.271	ng/ul	98
70) Atrazine	16.687	200	230195	27.223	ng/ul	98
71) Pentachlorophenol	16.869	266	263023	36.556	ng/ul	98
72) Phenanthrene	17.263	178	1670326	32.222	ng/ul	100
74) Anthracene	17.351	178	1655121	31.853	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	484827	32.668	ng/ul	98
76) Pentachlorobenzene	14.787	250	494711	33.935	ng/ul	99
77) Carbazole	17.628	167	1531860	36.990	ng/ul	100
78) Di-n-butylphthalate	18.181	149	1831962	33.222	ng/ul	100
80) Fluoranthene	19.228	202	2185086	24.578	ng/ul#	94
82) Pyrene	19.581	202	2244609	25.027	ng/ul#	92
83) Butylbenzylphthalate	20.463	149	867846	26.432	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.228	252	841331	35.832	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2536318	32.340	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1288628	28.555	ng/ul#	99
87) Chrysene	21.345	228	2369802	32.813	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2331421	27.471	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2835756	33.087	ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	2726743	32.882	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2634229	33.638	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.139	276	3475614	37.146	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.151	278	2891669	37.152	ng/ul#	95
96) Benzo(g,h,i)perylene	26.892	276	2781900	36.945	ng/ul#	93

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

