

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018808.D
 Acq On : 13 Dec 2023 14:55
 Operator : MA/JU
 Sample : PB157653BS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS653

Quant Time: Dec 13 21:37:36 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	7.834	152	238080	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	911988	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	579212	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1318034	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1379076	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1544134	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	39713	5.684	ng/uL	0.00
4) Pyridine-d5	3.681	84	524332	28.019	ng/u1	0.00
7) Phenol-d5	7.011	99	641835	26.864	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	370343	26.153	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	499568	26.796	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	492840	25.489	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	232504	28.644	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	247665	29.430	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	510083	29.643	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	614434	27.322	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1453505	28.117	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1641803	28.842	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	268986	31.699	ng/u1	0.00
60) Fluorene-d10	15.457	176	1280413	29.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	232536	29.424	ng/u1	0.00
73) Anthracene-d10	17.316	188	2069743	29.870	ng/u1	0.00
81) Pyrene-d10	19.551	212	2563422	23.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2695577	29.940	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	83816	10.940	ng/uL	96
5) Pyridine	3.699	79	558713	29.565	ng/u1	96
6) Benzaldehyde	6.981	77	323777	26.247	ng/u1	96
8) Phenol	7.034	94	686323	29.292	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.269	93	550735	28.621	ng/u1	98
12) 2-Chlorophenol	7.399	128	537616	28.493	ng/u1	98
13) 2-Methylphenol	8.281	108	503038	28.044	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	631599	25.869	ng/u1	98
16) Acetophenone	8.663	105	799553	27.747	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.652	70	373560	23.565	ng/u1	98
18) 4-Methylphenol	8.616	108	539226	27.530	ng/u1	99
19) Hexachloroethane	8.910	117	224400	29.010	ng/u1	94
22) Nitrobenzene	9.040	77	593492	30.073	ng/u1	98
23) Isophorone	9.569	82	1087148	27.018	ng/u1	98
25) 2-Nitrophenol	9.752	139	284562	31.581	ng/u1	98
26) 2,4-Dimethylphenol	9.810	107	512402	29.077	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.052	93	707196	27.839	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	521101	31.439	ng/u1	97
30) Naphthalene	10.681	128	1676876	30.310	ng/u1	100
32) 4-Chloroaniline	10.793	127	540217	25.204	ng/u1	100
33) Hexachlorobutadiene	10.963	225	375801	33.854	ng/u1	99
34) Caprolactam	11.575	113	162840	32.040	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	531872	28.645	ng/u1	98
36) 2-Methylnaphthalene	12.293	142	1136695	29.002	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1124291	28.404	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	694437	33.045	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	354619	28.470	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	423742	31.345	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	468190	31.946	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	1526242	30.468	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	1231292	31.121	ng/ul	98
45) 2-Nitroaniline	13.551	65	322767	30.093	ng/ul	98
47) Dimethylphthalate	13.934	163	1542546	30.313	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	308116	32.049	ng/ul	93
50) Acenaphthylene	14.187	152	1975985	30.875	ng/ul	100
51) 3-Nitroaniline	14.375	138	307089	31.998	ng/ul	99
52) Acenaphthene	14.528	153	1299600	30.712	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	148814	29.206	ng/ul	96
55) 4-Nitrophenol	14.687	109	219972	34.312	ng/ul	95
56) Dibenzofuran	14.863	168	1843284	31.342	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	462837	34.224	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	400137	32.549	ng/ul	93
59) Diethylphthalate	15.298	149	1497724	30.078	ng/ul	99
61) Fluorene	15.516	166	1492022	32.061	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	792545	32.472	ng/ul	95
63) 4-Nitroaniline	15.539	138	339184	37.099	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.598	198	273777	32.402	ng/ul#	91
67) N-Nitrosodiphenylamine	15.728	169	1284762	29.416	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	513372	30.852	ng/ul	97
69) Hexachlorobenzene	16.516	284	602485	32.430	ng/ul	97
70) Atrazine	16.686	200	331967	25.566	ng/ul	98
71) Pentachlorophenol	16.863	266	355731	32.196	ng/ul	98
72) Phenanthrene	17.257	178	2516868	31.618	ng/ul	100
74) Anthracene	17.351	178	2552107	31.984	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	695368	30.512	ng/ul	99
76) Pentachlorobenzene	14.781	250	696563	31.115	ng/ul	99
77) Carbazole	17.622	167	2318987	36.466	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2619640	30.936	ng/ul	99
80) Fluoranthene	19.227	202	3181990	25.076	ng/ul	96
82) Pyrene	19.580	202	3255652	25.433	ng/ul	96
83) Butylbenzylphthalate	20.457	149	1227306	26.189	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	1090322	32.534	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3473888	31.034	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1780867	27.648	ng/ul	100
87) Chrysene	21.339	228	3242739	31.458	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3136301	27.819	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3480163	30.568	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	3531520	32.059	ng/ul	99
93) Benzo(a)pyrene	23.563	252	3291380	31.639	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	4033789	32.454	ng/ul	97
95) Dibenzo(a,h)anthracene	26.145	278	3371604	32.609	ng/ul	98
96) Benzo(g,h,i)perylene	26.880	276	3231439	32.306	ng/ul	97

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

