

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042423\
 Data File : BM039628.D
 Acq On : 24 Apr 2023 22:56
 Operator : CG/JU
 Sample : PB152350BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS350

Quant Time: Apr 25 00:45:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	212125	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.613	136	964438	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.465	164	599964	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.224	188	1247816	20.000	ng/u1	0.00
79) Chrysene-d12	21.418	240	1166685	20.000	ng/u1	0.00
88) Perylene-d12	23.777	264	1164496	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	32202	5.827	ng/uL	0.00
4) Pyridine-d5	3.631	84	408079	26.280	ng/u1	0.00
7) Phenol-d5	6.995	99	625716	32.229	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	417933	32.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.342	132	490515	32.208	ng/u1	0.00
15) 4-Methylphenol-d8	8.542	113	497500	31.811	ng/u1	0.00
21) Nitrobenzene-d5	8.983	128	246075	31.714	ng/u1	0.00
24) 2-Nitrophenol-d4	9.707	143	277030	31.796	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	480588	32.057	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.766	131	603639	26.960	ng/u1	-0.01
46) Dimethylphthalate-d6	13.883	166	1492333	30.842	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	1735031	31.918	ng/u1	0.00
54) 4-Nitrophenol-d4	14.712	143	200930	27.438	ng/u1	-0.02
60) Fluorene-d10	15.465	176	1236327	31.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	250986	30.268	ng/u1	0.00
73) Anthracene-d10	17.324	188	1919334	31.984	ng/u1	0.00
81) Pyrene-d10	19.624	212	2233635	28.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.630	264	2023443	32.185	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	71198	11.773	ng/uL	94
5) Pyridine	3.648	79	444106	27.124	ng/u1	99
6) Benzaldehyde	6.954	77	333130	40.162	ng/u1	94
8) Phenol	7.019	94	669145	33.103	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.237	93	540815	32.090	ng/u1	97
12) 2-Chlorophenol	7.378	128	494366	32.259	ng/u1	97
13) 2-Methylphenol	8.272	108	506278	32.246	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.342	45	786385	33.595	ng/u1	98
16) Acetophenone	8.642	105	845392	32.910	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.631	70	464208	32.650	ng/u1	95
18) 4-Methylphenol	8.607	108	549515	32.418	ng/u1	99
19) Hexachloroethane	8.883	117	217591	31.262	ng/u1	97
22) Nitrobenzene	9.025	77	643438	33.586	ng/u1	95
23) Isophorone	9.548	82	1309849	32.062	ng/u1	98
25) 2-Nitrophenol	9.736	139	286661	31.533	ng/u1	92
26) 2,4-Dimethylphenol	9.801	107	591674	31.850	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.036	93	758124	31.559	ng/u1	100
29) 2,4-Dichlorophenol	10.277	162	473512	32.065	ng/u1	100
30) Naphthalene	10.666	128	1687989	31.633	ng/u1	100
32) 4-Chloroaniline	10.789	127	566556	25.680	ng/u1	99
33) Hexachlorobutadiene	10.942	225	292664	30.076	ng/u1	99
34) Caprolactam	11.583	113	170069	30.925	ng/u1	97
35) 4-Chloro-3-methylphenol	11.930	107	555439	32.214	ng/u1	98
36) 2-Methylnaphthalene	12.283	142	1105659	30.908	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	1138234	31.663	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.654	216	563705	31.302	ng/ul	98
40) Hexachlorocyclopentadiene	12.624	237	219288	20.438	ng/ul	99
41) 2,4,6-Trichlorophenol	12.907	196	375774	31.234	ng/ul	99
42) 2,4,5-Trichlorophenol	12.989	196	395970	31.667	ng/ul	98
43) 1,1'-Biphenyl	13.301	154	1486934	32.069	ng/ul	100
44) 2-Chloronaphthalene	13.342	162	1148811	31.585	ng/ul	99
45) 2-Nitroaniline	13.566	65	374671	35.696	ng/ul	95
47) Dimethylphthalate	13.930	163	1498557	31.281	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	304521	31.430	ng/ul	94
50) Acenaphthylene	14.189	152	1865504	32.083	ng/ul	100
51) 3-Nitroaniline	14.395	138	282742	31.134	ng/ul	97
52) Acenaphthene	14.530	153	1275771	31.868	ng/ul	100
53) 2,4-Dinitrophenol	14.613	184	132859	25.760	ng/ul	96
55) 4-Nitrophenol	14.724	109	161772	29.084	ng/ul	91
56) Dibenzofuran	14.871	168	1740571	31.988	ng/ul	100
57) 2,4-Dinitrotoluene	14.854	165	439151	32.620	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.101	232	348261	31.116	ng/ul	96
59) Diethylphthalate	15.295	149	1542984	31.070	ng/ul	100
61) Fluorene	15.518	166	1476990	32.813	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.512	204	707459	31.710	ng/ul	99
63) 4-Nitroaniline	15.565	138	260647	37.427	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.618	198	246351	30.901	ng/ul	94
67) N-Nitrosodiphenylamine	15.736	169	1194115	32.119	ng/ul	99
68) 4-Bromophenyl-phenylether	16.412	248	417411	30.972	ng/ul	98
69) Hexachlorobenzene	16.524	284	483687	31.240	ng/ul	99
70) Atrazine	16.689	200	350528	25.409	ng/ul	98
71) Pentachlorophenol	16.877	266	259828	28.707	ng/ul	97
72) Phenanthrene	17.265	178	2229951	32.190	ng/ul	99
74) Anthracene	17.359	178	2279139	32.795	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.266	216	574505	30.914	ng/ul	99
76) Pentachlorobenzene	14.789	250	576535	31.519	ng/ul	98
77) Carbazole	17.636	167	2044335	33.103	ng/ul	100
78) Di-n-butylphthalate	18.189	149	2706120	30.981	ng/ul	99
80) Fluoranthene	19.289	202	2644891	29.107	ng/ul	98
82) Pyrene	19.653	202	2765708	29.401	ng/ul	99
83) Butylbenzylphthalate	20.547	149	1235223	27.818	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.341	252	854552	33.030	ng/ul	98
85) Benzo(a)anthracene	21.400	228	2650463	31.409	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.324	149	1836948	27.818	ng/ul	100
87) Chrysene	21.453	228	2523203	31.347	ng/ul	100
89) Di-n-octyl phthalate	22.236	149	3113165	26.608	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	2532988	30.914	ng/ul	99
91) Benzo(k)fluoranthene	23.106	252	2600725	32.320	ng/ul	99
93) Benzo(a)pyrene	23.677	252	2225941	32.230	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.224	276	2572496	33.863	ng/ul	100
95) Dibenzo(a,h)anthracene	26.241	278	2163500	34.349	ng/ul	99
96) Benzo(g,h,i)perylene	26.976	276	2008933	33.196	ng/ul	99

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

