

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
 Data File : BM037978.D
 Acq On : 12 Dec 2022 22:31
 Operator : CG/JU
 Sample : PB149528BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS528

Quant Time: Dec 13 00:58:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	177419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.892	136	771498	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.704	164	498657	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	946122	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	757754	20.000	ng/u1	0.00
88) Perylene-d12	24.091	264	798733	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	23157	5.926	ng/uL	0.00
4) Pyridine-d5	3.852	84	333193	28.745	ng/u1	0.00
7) Phenol-d5	7.228	99	444111	30.804	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	263723	30.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	377990	31.960	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	349529	31.058	ng/u1	0.00
21) Nitrobenzene-d5	9.245	128	194967	31.918	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.975	143	204942	32.015	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	403364	33.175	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.033	131	484258	28.853	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1127999	31.729	ng/u1	-0.01
49) Acenaphthylene-d8	14.398	160	1372979	31.599	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	160589	26.505	ng/u1	0.00
60) Fluorene-d10	15.692	176	1034420	32.659	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	141102	27.895	ng/u1	0.00
73) Anthracene-d10	17.545	188	1453161	32.909	ng/u1	0.00
81) Pyrene-d10	19.827	212	1438754	31.608	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1352468	33.901	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	42570	10.385	ng/uL	96
5) Pyridine	3.869	79	315662	27.098	ng/u1	94
6) Benzaldehyde	7.210	77	231034	42.845	ng/u1	94
8) Phenol	7.257	94	420800	29.102	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.493	93	335717	28.275	ng/u1	99
12) 2-Chlorophenol	7.634	128	375212	31.021	ng/u1	99
13) 2-Methylphenol	8.516	108	327281	29.577	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	618847	28.864	ng/u1	98
16) Acetophenone	8.910	105	541130	30.573	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.898	70	259456	31.118	ng/u1	98
18) 4-Methylphenol	8.851	108	356227	29.760	ng/u1	99
19) Hexachloroethane	9.163	117	149590	30.935	ng/u1	96
22) Nitrobenzene	9.292	77	399441	30.391	ng/u1	100
23) Isophorone	9.822	82	721932	29.975	ng/u1	97
25) 2-Nitrophenol	10.004	139	209990	31.290	ng/u1	93
26) 2,4-Dimethylphenol	10.057	107	378777	29.186	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.298	93	460267	28.748	ng/u1	98
29) 2,4-Dichlorophenol	10.539	162	380943	31.934	ng/u1	98
30) Naphthalene	10.945	128	1256398	30.177	ng/u1	99
32) 4-Chloroaniline	11.057	127	460262	27.500	ng/u1	97
33) Hexachlorobutadiene	11.222	225	263952	33.635	ng/u1	98
34) Caprolactam	11.851	113	96592	31.566	ng/u1	88
35) 4-Chloro-3-methylphenol	12.169	107	349761	32.211	ng/u1	99
36) 2-Methylnaphthalene	12.545	142	864266	32.005	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	872700	31.606	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	498140	30.574	ng/ul	99
40) Hexachlorocyclopentadiene	12.880	237	133933	14.370	ng/ul	100
41) 2,4,6-Trichlorophenol	13.145	196	302283	30.458	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	320118	30.928	ng/ul	97
43) 1,1'-Biphenyl	13.545	154	1159811	28.936	ng/ul	98
44) 2-Chloronaphthalene	13.586	162	912983	29.526	ng/ul	98
45) 2-Nitroaniline	13.792	65	230195	30.897	ng/ul	99
47) Dimethylphthalate	14.163	163	1092768	31.155	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	213815	31.383	ng/ul	96
50) Acenaphthylene	14.427	152	1432657	29.987	ng/ul	99
51) 3-Nitroaniline	14.616	138	210728	31.001	ng/ul	99
52) Acenaphthene	14.769	153	1009818	30.558	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	79430	23.759	ng/ul	92
55) 4-Nitrophenol	14.916	109	115713	28.960	ng/ul	91
56) Dibenzofuran	15.104	168	1366561	30.290	ng/ul	100
57) 2,4-Dinitrotoluene	15.068	165	293639	31.825	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	279104	32.057	ng/ul	98
59) Diethylphthalate	15.516	149	1119371	32.035	ng/ul	99
61) Fluorene	15.751	166	1158159	31.477	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.739	204	583077	32.427	ng/ul	98
63) 4-Nitroaniline	15.774	138	201991	32.772	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.827	198	136060	27.784	ng/ul	96
67) N-Nitrosodiphenylamine	15.951	169	921869	32.301	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	341378	32.916	ng/ul	97
69) Hexachlorobenzene	16.751	284	410040	33.121	ng/ul	98
70) Atrazine	16.898	200	294410	30.187	ng/ul	99
71) Pentachlorophenol	17.092	266	195851	28.454	ng/ul	97
72) Phenanthrene	17.486	178	1612105	31.201	ng/ul	100
74) Anthracene	17.580	178	1616013	30.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	490484	32.067	ng/uL	98
76) Pentachlorobenzene	15.021	250	488897	32.267	ng/uL	96
77) Carbazole	17.851	167	1328690	29.208	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1789831	33.100	ng/ul	99
80) Fluoranthene	19.492	202	1648090	30.679	ng/ul	98
82) Pyrene	19.856	202	1716135	30.695	ng/ul	98
83) Butylbenzylphthalate	20.733	149	621537	29.897	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	450422	30.039	ng/ul	98
85) Benzo(a)anthracene	21.597	228	1606260	31.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.503	149	902264	29.833	ng/ul	99
87) Chrysene	21.650	228	1480446	30.930	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	1477201	28.863	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1571104	31.728	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	1561230	32.532	ng/ul	99
93) Benzo(a)pyrene	23.980	252	1376129	31.602	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.685	276	1541214	27.482	ng/ul	97
95) Dibenzo(a,h)anthracene	26.697	278	1390623	29.414	ng/ul	99
96) Benzo(g,h,i)perylene	27.485	276	1276511	28.509	ng/ul	97

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

