

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022721\
 Data File : BM028913.D
 Acq On : 26 Feb 2021 10:42
 Operator : CG/JU
 Sample : SSTD00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00503

Quant Time: Feb 26 12:38:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 12:32:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	12121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	46789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	26329	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	52979	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	52556	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	55273	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	494	1.94	ng/uL	0.00
5) Phenol-d5	6.96	99	3933	4.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	2405	4.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	3691	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	3165	4.09	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	1551	4.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	1609	4.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	3245	4.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	3061	3.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	8808	4.64	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	11294	4.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	1141	3.47	ng/ul	0.01
58) Fluorene-d10	15.43	176	7985	5.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	990	3.06	ng/ul	0.00
71) Anthracene-d10	17.28	188	11781	4.88	ng/ul	0.00
79) Pyrene-d10	19.57	212	12600	4.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	13610	4.78	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.17	88	470	1.790	ng/uL# 93
4) Benzaldehyde	6.93	77	2501	5.695	ng/ul 97
6) Phenol	6.99	94	4098	4.300	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.21	93	3402	4.602	ng/ul 97
10) 2-Chlorophenol	7.34	128	3693	4.490	ng/ul 97
11) 2-Methylphenol	8.24	108	3262	4.407	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.31	45	5448	4.815	ng/ul 96
14) Acetophenone	8.62	105	5436	4.387	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	2302	4.050	ng/ul# 92
16) 4-Methylphenol	8.57	108	3299	4.101	ng/ul 97
17) Hexachloroethane	8.85	117	1643	4.790	ng/ul 98
20) Nitrobenzene	9.00	77	3689	4.749	ng/ul 98
21) Isophorone	9.52	82	6485	4.573	ng/ul 93
23) 2-Nitrophenol	9.70	139	1828	4.352	ng/ul 94
24) 2,4-Dimethylphenol	9.77	107	3855	4.674	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.00	93	4392	4.745	ng/ul 98
27) 2,4-Dichlorophenol	10.25	162	3225	4.508	ng/ul# 95
28) Naphthalene	10.63	128	12004	5.028	ng/ul 96
30) 4-Chloroaniline	10.76	127	3118	3.604	ng/ul 89
31) Hexachlorobutadiene	10.90	225	2167	4.828	ng/ul 93
32) Caprolactam	11.53	113	698	3.143	ng/ul 85
33) 4-Chloro-3-methylphenol	11.89	107	3356	4.530	ng/ul 94
34) 2-Methylnaphthalene	12.25	142	8017	4.651	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.47	142	7628	4.549	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	4007	5.142	ng/ul	97
38) Hexachlorocyclopentadiene	12.59	237	593	1.826	ng/ul#	80
39) 2,4,6-Trichlorophenol	12.87	196	2372	4.658	ng/ul	98
40) 2,4,5-Trichlorophenol	12.95	196	2422	4.416	ng/ul	87
41) 1,1'-Biphenyl	13.27	154	10263	5.106	ng/ul	98
42) 2-Chloronaphthalene	13.32	162	7992	5.118	ng/ul	96
43) 2-Nitroaniline	13.54	65	1686	4.114	ng/ul	95
45) Dimethylphthalate	13.90	163	9454	4.831	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	1550	3.957	ng/ul	91
48) Acenaphthylene	14.16	152	11121	4.850	ng/ul	98
49) 3-Nitroaniline	14.37	138	1307	3.461	ng/ul#	85
50) Acenaphthene	14.50	153	8109	4.838	ng/ul	95
51) 2,4-Dinitrophenol	14.60	184	429	1.897	ng/ul#	90
53) 4-Nitrophenol	14.70	109	1033	3.840	ng/ul	93
54) Dibenzofuran	14.84	168	11489	4.945	ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	2411	4.250	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.08	232	1883	4.239	ng/ul#	96
57) Diethylphthalate	15.27	149	9537	4.682	ng/ul	98
59) Fluorene	15.49	166	9426	4.857	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.49	204	4842	5.084	ng/ul	96
61) 4-Nitroaniline	15.53	138	1362	3.164	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.60	198	1084	3.271	ng/ul#	94
65) N-Nitrosodiphenylamine	15.70	169	7574	4.656	ng/ul	96
66) 4-Bromophenyl-phenylether	16.38	248	2526	4.587	ng/ul	99
67) Hexachlorobenzene	16.49	284	2886	4.583	ng/ul#	87
68) Atrazine	16.66	200	2622	4.362	ng/ul	90
69) Pentachlorophenol	16.84	266	1201	3.593	ng/ul	93
70) Phenanthrene	17.23	178	14222	4.851	ng/ul	98
72) Anthracene	17.32	178	14389	4.747	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	3989	5.150	ng/uL	91
74) Pentachlorobenzene	14.76	250	3671	4.947	ng/uL	99
75) Carbazole	17.59	167	12478	4.662	ng/ul	96
76) Di-n-butylphthalate	18.14	149	15297	4.325	ng/ul	99
77) Fluoranthene	19.23	202	16046	4.876	ng/ul	98
80) Pvrene	19.60	202	16739	4.727	ng/ul	98
81) Butylbenzylphthalate	20.49	149	7210	4.392	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.27	252	5065	4.874	ng/ul	97
83) Benzo(a)anthracene	21.33	228	16654	5.096	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	11217	4.420	ng/ul	97
85) Chrysene	21.38	228	16008	5.063	ng/ul	97
87) Di-n-octyl phthalate	22.12	149	20451	3.941	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	18033	4.975	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	16642	4.703	ng/ul	97
91) Benzo(a)pyrene	23.45	252	15602	4.992	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	19530	5.460	ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	16893	5.531	ng/ul	99
94) Benzo(a,h,i)perylene	26.43	276	16356	5.638	ng/ul	96

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

