

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072720\
 Data File : BM026871.D
 Acq On : 27 Jul 2020 13:42
 Operator : JU/CG
 Sample : SSTD16003
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16003

Quant Time: Jul 27 14:13:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 12:34:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	69736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	270699	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	167208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	362261	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	408941	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	385391	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	95924	41.33	ng/uL	0.00
5) Phenol-d5	6.86	99	968139	151.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	630212	145.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	737893	150.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	742502	145.36	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	340683	159.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	360202	157.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	759196	169.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	906491	192.59	ng/ul	0.01
44) Dimethylphthalate-d6	13.74	166	2093136	156.92	ng/ul	0.01
47) Acenaphthylene-d8	14.01	160	2658470	164.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	401426	208.55	ng/ul	0.03
58) Fluorene-d10	15.31	176	1857389	159.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	334415	147.75	ng/ul	0.02
71) Anthracene-d10	17.16	188	2904182	162.79	ng/ul	0.00
79) Pyrene-d10	19.46	212	3312463	155.87	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.35	264	3710656	178.41	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	115331	45.901	ng/uL 97
4) Benzaldehyde	6.82	77	849589	250.492	ng/ul 98
6) Phenol	6.89	94	1027277	146.303	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.11	93	797016	149.075	ng/ul 100
10) 2-Chlorophenol	7.25	128	758462	140.201	ng/ul 98
11) 2-Methylphenol	8.12	108	740016	147.510	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	686331	66.173	ng/ul 99
14) Acetophenone	8.50	105	1207157	139.488	ng/ul 98
16) 4-Methylphenol	8.46	108	783029	140.420	ng/ul 98
17) Hexachloroethane	8.75	117	352691	147.123	ng/ul 99
20) Nitrobenzene	8.87	77	1077674	159.630	ng/ul 99
21) Isophorone	9.41	82	1866556	164.474	ng/ul 99
23) 2-Nitrophenol	9.58	139	402131	152.259	ng/ul 95
24) 2,4-Dimethylphenol	9.65	107	898202	147.678	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.88	93	1049392	155.517	ng/ul 99
27) 2,4-Dichlorophenol	10.11	162	729583	157.950	ng/ul 97
28) Naphthalene	10.51	128	2353954	146.914	ng/ul 99
30) 4-Chloroaniline	10.61	127	916623	183.273	ng/ul 95
31) Hexachlorobutadiene	10.81	225	497367	148.578	ng/ul 98
32) Caprolactam	11.40	113	128688	100.876	ng/ul 92
33) 4-Chloro-3-methylphenol	11.75	107	811680	154.431	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	1673630	149.101	ng/ul 99
35) 1-Methylnaphthalene	12.35	142	1639759	156.727	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	933570	153.609	ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	638528	205.872	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	564818	157.430	ng/ul	97
40) 2,4,5-Trichlorophenol	12.81	196	611722	155.906	ng/ul	97
41) 1,1'-Biphenyl	13.15	154	2196599	151.771	ng/ul	99
42) 2-Chloronaphthalene	13.18	162	1773020	155.633	ng/ul	99
43) 2-Nitroaniline	13.39	65	608443	158.861	ng/ul	98
45) Dimethylphthalate	13.79	163	2180511	156.189	ng/ul	98
46) 2,6-Dinitrotoluene	13.90	165	463415	171.750	ng/ul	97
48) Acenaphthylene	14.04	152	2704105	156.662	ng/ul	99
49) 3-Nitroaniline	14.22	138	406950	181.445	ng/ul	95
50) Acenaphthene	14.38	153	1862387	152.660	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	213866	152.567	ng/ul	92
53) 4-Nitrophenol	14.54	109	383745	193.694	ng/ul	96
54) Dibenzofuran	14.72	168	2551108	147.378	ng/ul	100
55) 2,4-Dinitrotoluene	14.68	165	674742	168.149	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.95	232	517658	153.263	ng/ul#	93
57) Diethylphthalate	15.17	149	2246914	160.137	ng/ul	98
59) Fluorene	15.37	166	2320998	164.116	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	1168170	158.920	ng/ul	95
61) 4-Nitroaniline	15.39	138	477185	188.108	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	370514	154.555	ng/ul#	91
65) N-Nitrosodiphenylamine	15.58	169	1855872	153.214	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	681560	156.065	ng/ul	98
67) Hexachlorobenzene	16.38	284	764034	153.526	ng/ul	95
68) Atrazine	16.54	200	704329	178.480	ng/ul	99
69) Pentachlorophenol	16.71	266	442675	180.384	ng/ul	99
70) Phenanthrene	17.11	178	3571618	158.329	ng/ul	100
72) Anthracene	17.20	178	3701089	162.605	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	869088	139.150	ng/ul	100
74) Pentachlorobenzene	14.64	250	855803	143.059	ng/ul	98
75) Carbazole	17.46	167	3211882	176.244	ng/ul	100
76) Di-n-butylphthalate	18.05	149	4001190	181.462	ng/ul	99
77) Fluoranthene	19.12	202	4378072	187.621	ng/ul	99
80) Pvrene	19.49	202	4557185	157.249	ng/ul	99
81) Butylbenzylphthalate	20.41	149	1918607	186.618	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.18	252	1506822	182.799	ng/ul	99
83) Benzo(a)anthracene	21.25	228	4475496	158.986	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	2778898	181.496	ng/ul#	96
85) Chrysene	21.30	228	4381360	156.887	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	4861751	204.728	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	4529426	173.026	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	4604853	177.483	ng/ul	99
91) Benzo(a)pyrene	23.40	252	4231850	182.226	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	5407552	178.420	ng/ul	96
93) Dibenzo(a,h)anthracene	25.75	278	4646536	181.976	ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	4284945	169.504	ng/ul	99

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

