

Data Path : Z:\HPCHEM1\BNA_M\Data\BM103117\
 Data File : BM012634.D
 Acq On : 01 Nov 2017 10:35
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02078

Quant Time: Nov 01 11:20:03 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	463980	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.65	136	1974006	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.49	164	1151829	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.23	188	2359188	20.00	ng/ul	-0.02
75) Chrysene-d12	21.40	240	2335961	20.00	ng/ul	-0.02
83) Perylene-d12	23.70	264	2565447	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	69096	7.61	ng/uL	-0.02
5) Phenol-d5	7.02	99	753832	19.45	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.18	67	436954	18.99	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.39	132	592274	20.40	ng/ul	-0.03
13) 4-Methylphenol-d8	8.56	113	635598	19.19	ng/ul	-0.02
19) Nitrobenzene-d5	9.01	128	293514	23.74	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.73	143	338002	26.54	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.27	165	673772	19.97	ng/ul	-0.03
29) 4-Chloroaniline-d4	10.78	131	771045	21.67	ng/ul	-0.02
43) Dimethylphthalate-d6	13.89	166	1804443	17.93	ng/ul	-0.02
46) Acenaphthylene-d8	14.17	160	2293469	19.27	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.69	143	257813	17.24	ng/ul	-0.02
57) Fluorene-d10	15.47	176	1487162	17.46	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.60	200	224563	19.67	ng/ul	-0.02
70) Anthracene-d10	17.33	188	2135516	18.99	ng/ul	-0.02
76) Pyrene-d10	19.62	212	2163733	20.19	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.55	264	2316974	19.01	ng/ul	-0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.38	88	74104	7.639	ng/uL# 62
4) Benzaldehyde	7.00	77	493442	23.412	ng/ul 89
6) Phenol	7.05	94	770441	19.091	ng/ul# 81
8) Bis(2-Chloroethyl)ether	7.27	93	582835	19.638	ng/ul 97
10) 2-Chlorophenol	7.42	128	603851	20.326	ng/ul 98
11) 2-Methylphenol	8.30	108	579314	19.038	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	656647	20.137	ng/ul# 81
14) Acetophenone	8.67	105	967255	18.584	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.66	70	522174	18.383	ng/ul# 64
16) 4-Methylphenol	8.63	108	639653	19.206	ng/ul 100
17) Hexachloroethane	8.93	117	243343	19.329	ng/ul 84
20) Nitrobenzene	9.05	77	732692	20.574	ng/ul 94
21) Isophorone	9.58	82	1366101	18.126	ng/ul# 93
23) 2-Nitrophenol	9.76	139	356286	25.176	ng/ul# 78
24) 2,4-Dimethylphenol	9.82	107	729858	18.331	ng/ul 89
25) Bis(2-Chloroethoxy)methane	10.05	93	821958	19.406	ng/ul 95
27) 2,4-Dichlorophenol	10.29	162	650819	19.773	ng/ul# 91
28) Naphthalene	10.69	128	1900684	19.419	ng/ul 100
30) 4-Chloroaniline	10.80	127	771894	21.546	ng/ul 94
31) Hexachlorobutadiene	10.97	225	469406	18.589	ng/ul 94
32) Caprolactam	11.58	113	184306	17.290	ng/ul# 35
33) 4-Chloro-3-methylphenol	11.93	107	646718	17.489	ng/ul 95
34) 2-Methylnaphthalene	12.30	142	1451319	18.259	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	844795	20.711	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	247133	9.382	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	540519	22.130	ng/ul	94
39) 2,4,5-Trichlorophenol	12.99	196	550818	21.276	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	1890441	20.572	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	1470955	20.406	ng/ul	98
42) 2-Nitroaniline	13.56	65	398372	23.763	ng/ul	92
44) Dimethylphthalate	13.94	163	1785775	17.941	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	366406	23.165	ng/ul	89
47) Acenaphthylene	14.20	152	2212510	19.477	ng/ul	99
48) 3-Nitroaniline	14.39	138	339702	22.920	ng/ul	90
49) Acenaphthene	14.54	153	1492199	19.178	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	125643	14.151	ng/ul	93
52) 4-Nitrophenol	14.70	109	219575	14.468	ng/ul	83
53) Dibenzofuran	14.88	168	2112893	18.350	ng/ul	97
54) 2,4-Dinitrotoluene	14.85	165	499160	21.071	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.12	232	467921	19.528	ng/ul#	99
56) Diethylphthalate	15.30	149	1707425	16.827	ng/ul	96
58) Fluorene	15.53	166	1711580	17.575	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	929955	17.550	ng/ul	96
60) 4-Nitroaniline	15.55	138	345869	18.616	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.62	198	244904	19.503	ng/ul#	85
64) N-Nitrosodiphenylamine	15.74	169	1449050	21.136	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	594144	21.023	ng/ul	96
66) Hexachlorobenzene	16.54	284	645339	20.643	ng/ul	97
67) Atrazine	16.69	200	556474	18.875	ng/ul	93
68) Pentachlorophenol	16.88	266	313117	18.314	ng/ul	97
69) Phenanthrene	17.27	178	2459922	19.281	ng/ul	100
71) Anthracene	17.36	178	2552158	19.355	ng/ul	99
72) Carbazole	17.63	167	2087377	19.110	ng/ul	100
73) Di-n-butylphthalate	18.19	149	2691718	19.324	ng/ul#	97
74) Fluoranthene	19.28	202	2752183	19.038	ng/ul#	91
77) Pyrene	19.64	202	2805291	21.118	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	1132188	21.633	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	964711	18.818	ng/ul	95
80) Benzo(a)anthracene	21.39	228	2741603	19.599	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1669837	20.971	ng/ul	99
82) Chrysene	21.44	228	2477028	19.917	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2796038	21.011	ng/ul	99
85) Benzo(b)fluoranthene	23.00	252	2946251	18.578	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	2815455	18.862	ng/ul#	97
88) Benzo(a)pyrene	23.60	252	2851862	18.861	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	3566729	20.043	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.04	278	3022028	20.031	ng/ul#	96
91) Benzo(g,h,i)perylene	26.75	276	2959804	20.522	ng/ul#	96

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

