

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012438.D
 Acq On : 25 Oct 2017 10:31
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

Quant Time: Oct 26 01:01:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	339956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1357329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	849571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	1971289	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2280745	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2389092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	55230	8.30	ng/uL	0.00
5) Phenol-d5	7.05	99	505445	17.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	309533	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	396976	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	418017	17.22	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	184550	21.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	201686	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	437557	18.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	495957	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1299994	17.52	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1612216	18.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	200446	18.17	ng/ul	0.00
57) Fluorene-d10	15.50	176	1110981	17.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	173593	18.20	ng/ul	0.00
70) Anthracene-d10	17.35	188	1746135	18.59	ng/ul	0.00
76) Pyrene-d10	19.63	212	1999342	19.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2096971	18.48	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.40	88	57588	8.102	ng/uL#	65
4) Benzaldehyde	7.02	77	355268	23.006	ng/ul	95
6) Phenol	7.07	94	526447	17.804	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.30	93	396713	18.244	ng/ul	94
10) 2-Chlorophenol	7.45	128	406729	18.685	ng/ul	96
11) 2-Methylphenol	8.32	108	381486	17.111	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.42	45	430373	18.013	ng/ul#	81
14) Acetophenone	8.69	105	652668	17.114	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.68	70	351890	16.908	ng/ul#	66
16) 4-Methylphenol	8.65	108	424356	17.390	ng/ul	93
17) Hexachloroethane	8.96	117	170234	18.455	ng/ul	88
20) Nitrobenzene	9.07	77	508748	20.776	ng/ul	99
21) Isophorone	9.60	82	917930	17.713	ng/ul	95
23) 2-Nitrophenol	9.78	139	221027	22.714	ng/ul#	86
24) 2,4-Dimethylphenol	9.85	107	502618	18.359	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.08	93	536256	18.413	ng/ul	95
27) 2,4-Dichlorophenol	10.32	162	428819	18.947	ng/ul#	88
28) Naphthalene	10.72	128	1259371	18.713	ng/ul	99
30) 4-Chloroaniline	10.83	127	506191	20.549	ng/ul	96
31) Hexachlorobutadiene	11.01	225	329727	18.990	ng/ul	92
32) Caprolactam	11.59	113	124568	16.995	ng/ul#	47
33) 4-Chloro-3-methylphenol	11.95	107	450131	17.703	ng/ul	99
34) 2-Methylnaphthalene	12.33	142	975969	17.857	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.69	216	580211	19.285	ng/ul#	96
37) Hexachlorocyclopentadiene	12.68	237	322579	16.603	ng/ul	100
38) 2,4,6-Trichlorophenol	12.93	196	368493	20.454	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	389356	20.390	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	1285030	18.959	ng/ul	98
41) 2-Chloronaphthalene	13.38	162	1021520	19.213	ng/ul	98
42) 2-Nitroaniline	13.58	65	281870	22.796	ng/ul	96
44) Dimethylphthalate	13.96	163	1306284	17.793	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	245321	21.028	ng/ul#	95
47) Acenaphthylene	14.23	152	1560100	18.620	ng/ul	99
48) 3-Nitroaniline	14.40	138	230344	21.071	ng/ul	90
49) Acenaphthene	14.57	153	1059344	18.459	ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	107043	16.345	ng/ul	96
52) 4-Nitrophenol	14.71	109	208221	18.601	ng/ul	86
53) Dibenzofuran	14.90	168	1553839	18.296	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	354250	20.274	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.13	232	347172	19.644	ng/ul	94
56) Diethylphthalate	15.33	149	1280496	17.109	ng/ul	95
58) Fluorene	15.55	166	1275155	17.752	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	698071	17.861	ng/ul	97
60) 4-Nitroaniline	15.56	138	242868	17.723	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.62	198	188878	18.001	ng/ul#	87
64) N-Nitrosodiphenylamine	15.76	169	1089546	19.019	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	444219	18.811	ng/ul	97
66) Hexachlorobenzene	16.55	284	485637	18.591	ng/ul#	90
67) Atrazine	16.71	200	451481	18.327	ng/ul	95
68) Pentachlorophenol	16.90	266	268160	18.770	ng/ul	96
69) Phenanthrene	17.29	178	1992713	18.693	ng/ul	99
71) Anthracene	17.38	178	2074393	18.827	ng/ul	98
72) Carbazole	17.65	167	1776166	19.461	ng/ul	99
73) Di-n-butylphthalate	18.22	149	2111754	18.144	ng/ul	98
74) Fluoranthene	19.30	202	2431636	20.130	ng/ul#	94
77) Pyrene	19.66	202	2563159	19.762	ng/ul#	93
78) Butylbenzylphthalate	20.56	149	975247	19.085	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	887882	17.739	ng/ul	97
80) Benzo(a)anthracene	21.40	228	2623476	19.209	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1413487	18.181	ng/ul	99
82) Chrysene	21.45	228	2366163	19.486	ng/ul	100
84) Di-n-octyl phthalate	22.23	149	2403769	19.397	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	2779869	18.823	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2575662	18.530	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	2637604	18.732	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.05	276	3214444	19.397	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	2713075	19.311	ng/ul#	96
91) Benzo(g,h,i)perylene	26.77	276	2639240	19.651	ng/ul#	96

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

