

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012676.D
 Acq On : 02 Nov 2017 22:52
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02084

Quant Time: Nov 03 01:42:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 01:40:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	140098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	570768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	363862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	912039	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1107435	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1197739	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22066	8.04	ng/uL	0.00
5) Phenol-d5	7.00	99	214293	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	114387	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	179016	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	187829	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	87495	24.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	102120	27.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	204425	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	239494	23.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	626416	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	778829	20.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	110062	23.29	ng/ul	0.00
57) Fluorene-d10	15.45	176	548894	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	105498	23.90	ng/ul	0.00
70) Anthracene-d10	17.30	188	898312	20.67	ng/ul	0.00
76) Pyrene-d10	19.59	212	1036412	20.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1159395	20.38	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.35	88	23948	8.176	ng/uL#	58
4) Benzaldehyde	6.97	77	142480	22.389	ng/ul	89
6) Phenol	7.02	94	228289	18.734	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.25	93	163609	18.257	ng/ul	98
10) 2-Chlorophenol	7.39	128	183402	20.445	ng/ul	93
11) 2-Methylphenol	8.27	108	168370	18.325	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.36	45	157196	15.965	ng/ul#	80
14) Acetophenone	8.65	105	282484	17.974	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.63	70	139817	16.302	ng/ul#	60
16) 4-Methylphenol	8.59	108	188247	18.719	ng/ul	93
17) Hexachloroethane	8.90	117	73078	19.224	ng/ul	98
20) Nitrobenzene	9.02	77	201531	19.571	ng/ul	91
21) Isophorone	9.55	82	378794	17.382	ng/ul#	91
23) 2-Nitrophenol	9.73	139	108645	26.551	ng/ul#	73
24) 2,4-Dimethylphenol	9.79	107	220228	19.130	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.03	93	228911	18.692	ng/ul	95
27) 2,4-Dichlorophenol	10.27	162	200019	21.017	ng/ul	94
28) Naphthalene	10.67	128	577727	20.414	ng/ul	100
30) 4-Chloroaniline	10.77	127	239037	23.076	ng/ul	97
31) Hexachlorobutadiene	10.95	225	147671	20.225	ng/ul	94
32) Caprolactam	11.56	113	63620	20.641	ng/ul#	32
33) 4-Chloro-3-methylphenol	11.90	107	204561	19.132	ng/ul	94
34) 2-Methylnaphthalene	12.28	142	449104	19.541	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	278211	21.591	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	100944	12.131	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	183355	23.764	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	199180	24.354	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	601628	20.725	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	481448	21.143	ng/ul	99
42) 2-Nitroaniline	13.54	65	123443	23.310	ng/ul#	79
44) Dimethylphthalate	13.92	163	621363	19.762	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	130972	26.212	ng/ul#	83
47) Acenaphthylene	14.18	152	757723	21.115	ng/ul	99
48) 3-Nitroaniline	14.37	138	126223	26.960	ng/ul	82
49) Acenaphthene	14.52	153	509312	20.721	ng/ul	98
50) 2,4-Dinitrophenol	14.58	184	66609	23.748	ng/ul	88
52) 4-Nitrophenol	14.68	109	94196	19.648	ng/ul#	74
53) Dibenzofuran	14.86	168	751006	20.647	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	192503	25.723	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.09	232	182558	24.118	ng/ul	98
56) Diethylphthalate	15.28	149	611383	19.073	ng/ul	98
58) Fluorene	15.51	166	616776	20.049	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	339277	20.269	ng/ul	96
60) 4-Nitroaniline	15.53	138	137888	23.494	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.59	198	114835	23.655	ng/ul#	84
64) N-Nitrosodiphenylamine	15.72	169	551490	20.807	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	232967	21.323	ng/ul	95
66) Hexachlorobenzene	16.52	284	260413	21.547	ng/ul	98
67) Atrazine	16.67	200	228907	20.084	ng/ul	93
68) Pentachlorophenol	16.86	266	151815	22.968	ng/ul	98
69) Phenanthrene	17.24	178	1022961	20.741	ng/ul	99
71) Anthracene	17.34	178	1058106	20.756	ng/ul	99
72) Carbazole	17.61	167	908814	21.522	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1041581	19.343	ng/ul#	97
74) Fluoranthene	19.26	202	1273391	22.785	ng/ul#	94
77) Pyrene	19.62	202	1326566	21.064	ng/ul#	93
78) Butylbenzylphthalate	20.52	149	488455	19.686	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.30	252	503439	20.714	ng/ul	95
80) Benzo(a)anthracene	21.37	228	1377777	20.776	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	713026	18.888	ng/ul	99
82) Chrysene	21.42	228	1234436	20.936	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1221411	19.660	ng/ul#	95
85) Benzo(b)fluoranthene	22.98	252	1511393	20.413	ng/ul#	98
86) Benzo(k)fluoranthene	23.03	252	1364115	19.575	ng/ul#	99
88) Benzo(a)pyrene	23.57	252	1415813	20.056	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.99	276	1768901	21.291	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.00	278	1489817	21.151	ng/ul#	97
91) Benzo(g,h,i)perylene	26.70	276	1452558	21.573	ng/ul#	97

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

