

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013298.D
 Acq On : 11 Dec 2017 11:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02026

Quant Time: Dec 11 13:37:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	149735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	670630	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	439762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1082166	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1225285	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1128066	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22218	7.35	ng/uL	0.00
5) Phenol-d5	6.87	99	253198	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	143496	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	200367	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	217302	19.63	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106145	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	112533	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	231944	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	270598	25.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	746976	19.09	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	930276	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	130812	19.24	ng/ul	0.00
57) Fluorene-d10	15.33	176	642010	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	125587	18.45	ng/ul	0.00
70) Anthracene-d10	17.18	188	1060927	19.58	ng/ul	0.00
76) Pyrene-d10	19.48	212	1222208	20.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1133568	19.73	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	24738	7.288	ng/uL# 65
4) Benzaldehyde	6.85	77	133956	20.897	ng/ul# 86
6) Phenol	6.89	94	246572	19.253	ng/ul 88
8) Bis(2-Chloroethyl)ether	7.13	93	191792	19.587	ng/ul 97
10) 2-Chlorophenol	7.26	128	202047	20.354	ng/ul 95
11) 2-Methylphenol	8.13	108	190580	19.241	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	210140	20.439	ng/ul# 85
14) Acetophenone	8.51	105	327951	19.485	ng/ul 89
15) N-Nitroso-di-n-propylamine	8.50	70	168220	19.842	ng/ul# 71
16) 4-Methylphenol	8.46	108	205771	19.427	ng/ul 96
17) Hexachloroethane	8.76	117	87411	20.226	ng/ul# 74
20) Nitrobenzene	8.89	77	251794	18.795	ng/ul 93
21) Isophorone	9.41	82	460525	19.535	ng/ul 95
23) 2-Nitrophenol	9.59	139	118522	20.085	ng/ul 88
24) 2,4-Dimethylphenol	9.66	107	249057	19.351	ng/ul# 86
25) Bis(2-Chloroethoxy)methane	9.89	93	272084	19.721	ng/ul 94
27) 2,4-Dichlorophenol	10.12	162	207047	19.110	ng/ul# 87
28) Naphthalene	10.52	128	673149	19.510	ng/ul 99
30) 4-Chloroaniline	10.64	127	261503	25.056	ng/ul 94
31) Hexachlorobutadiene	10.80	225	143090	18.233	ng/ul 91
32) Caprolactam	11.41	113	73974	21.363	ng/ul# 24
33) 4-Chloro-3-methylphenol	11.77	107	235395	19.806	ng/ul 93
34) 2-Methylnaphthalene	12.14	142	512948	19.777	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	294119	18.535	ng/ul#	98
37) Hexachlorocyclopentadiene	12.49	237	162554	15.564	ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	190508	19.257	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	199870	19.020	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	703532	18.929	ng/ul	96
41) 2-Chloronaphthalene	13.20	162	548887	18.824	ng/ul	98
42) 2-Nitroaniline	13.41	65	169841	19.881	ng/ul	99
44) Dimethylphthalate	13.80	163	717636	19.173	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	151247	19.813	ng/ul	98
47) Acenaphthylene	14.05	152	860191	19.248	ng/ul	99
48) 3-Nitroaniline	14.24	138	142622	20.902	ng/ul	85
49) Acenaphthene	14.40	153	583591	19.170	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	71433	16.910	ng/ul	95
52) 4-Nitrophenol	14.56	109	125762	18.854	ng/ul#	82
53) Dibenzofuran	14.73	168	857825	19.087	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	221200	19.920	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	194212	20.157	ng/ul#	84
56) Diethylphthalate	15.17	149	735065	19.581	ng/ul	95
58) Fluorene	15.39	166	712205	19.156	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	379534	18.808	ng/ul	96
60) 4-Nitroaniline	15.41	138	164051	20.378	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.47	198	130362	19.163	ng/ul#	91
64) N-Nitrosodiphenylamine	15.60	169	611085	19.170	ng/ul	96
65) 4-Bromophenyl-phenylether	16.27	248	245867	19.327	ng/ul	95
66) Hexachlorobenzene	16.39	284	264389	18.846	ng/ul#	92
67) Atrazine	16.56	200	251601	21.383	ng/ul	93
68) Pentachlorophenol	16.73	266	155406	19.153	ng/ul	96
69) Phenanthrene	17.12	178	1191173	19.375	ng/ul	99
71) Anthracene	17.22	178	1223812	19.474	ng/ul	99
72) Carbazole	17.49	167	1056303	19.542	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1284614	20.358	ng/ul	99
74) Fluoranthene	19.14	202	1479384	19.636	ng/ul#	94
77) Pyrene	19.50	202	1496461	20.103	ng/ul#	90
78) Butylbenzylphthalate	20.42	149	619155	21.288	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.19	252	491214	19.071	ng/ul#	99
80) Benzo(a)anthracene	21.26	228	1534628	19.740	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	906574	20.679	ng/ul#	99
82) Chrysene	21.31	228	1416405	19.638	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1492934	18.611	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1454563	19.128	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1387434	19.388	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1317858	19.292	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	1377522	20.324	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	1167552	20.230	ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	1107773	20.720	ng/ul#	96

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

