

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013394.D
 Acq On : 14 Dec 2017 03:18
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:39 PM

Quant Time: Dec 14 16:50:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 06:00:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	64601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	301152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	203438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	641505	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1055381	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1031417	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8969	6.88	ng/uL	0.00
5) Phenol-d5	6.86	99	107440	19.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	63492	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	84612	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	89540	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	45992	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	46078	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	99417	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	125114	25.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	344796	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	433656	19.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	74567	23.71	ng/ul	0.00
57) Fluorene-d10	15.32	176	326653	20.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	62660	15.53	ng/ul	0.00
70) Anthracene-d10	17.17	188	633214	19.71	ng/ul	0.00
76) Pyrene-d10	19.47	212	873121	16.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1034028	19.68	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	9460	6.460	ng/uL# 64
4) Benzaldehyde	6.83	77	57756	20.883	ng/ul# 84
6) Phenol	6.89	94	107673	19.487	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.12	93	79473	18.812	ng/ul 95
10) 2-Chlorophenol	7.25	128	84363	19.699	ng/ul 97
11) 2-Methylphenol	8.12	108	81982	19.184	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	84271	18.998	ng/ul# 87
14) Acetophenone	8.50	105	135107	18.606	ng/ul 86
15) N-Nitroso-di-n-propylamine	8.48	70	68227	18.653	ng/ul# 70
16) 4-Methylphenol	8.45	108	87421	19.130	ng/ul 82
17) Hexachloroethane	8.75	117	35707	19.150	ng/ul# 75
20) Nitrobenzene	8.88	77	112517	18.703	ng/ul 96
21) Isophorone	9.40	82	187161	17.680	ng/ul 95
23) 2-Nitrophenol	9.58	139	52132	19.673	ng/ul# 73
24) 2,4-Dimethylphenol	9.65	107	97674	16.900	ng/ul# 88
25) Bis(2-Chloroethoxy)methane	9.88	93	111643	18.020	ng/ul 95
27) 2,4-Dichlorophenol	10.11	162	93573	19.233	ng/ul# 86
28) Naphthalene	10.51	128	294057	18.979	ng/ul 99
30) 4-Chloroaniline	10.63	127	119236	25.441	ng/ul 94
31) Hexachlorobutadiene	10.79	225	66150	18.770	ng/ul 93
32) Caprolactam	11.39	113	35162m	22.613	ng/ul
33) 4-Chloro-3-methylphenol	11.76	107	104774	19.631	ng/ul 98
34) 2-Methylnaphthalene	12.13	142	227474	19.530	ng/ul 97

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	132850	18.098	ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	67690	14.010	ng/ul	93
38) 2,4,6-Trichlorophenol	12.75	196	88298	19.294	ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	93898	19.316	ng/ul	93
40) 1,1'-Biphenyl	13.15	154	312374	18.168	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	249398	18.489	ng/ul	99
42) 2-Nitroaniline	13.40	65	82233	20.808	ng/ul	96
44) Dimethylphthalate	13.79	163	323301	18.672	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	68000	19.256	ng/ul#	91
47) Acenaphthylene	14.04	152	403275	19.506	ng/ul	100
48) 3-Nitroaniline	14.23	138	76465	24.224	ng/ul	93
49) Acenaphthene	14.39	153	275195	19.540	ng/ul	100
50) 2,4-Dinitrophenol	14.45	184	39672	20.301	ng/ul	97
52) 4-Nitrophenol	14.56	109	73708	23.887	ng/ul#	76
53) Dibenzofuran	14.72	168	425474	20.465	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	113379	22.071	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.95	232	104496	23.444	ng/ul	92
56) Diethylphthalate	15.16	149	350541	20.185	ng/ul	95
58) Fluorene	15.37	166	364011	21.164	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.37	204	189567	20.307	ng/ul	97
60) 4-Nitroaniline	15.40	138	97947	26.300	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.46	198	62543	15.509	ng/ul#	88
64) N-Nitrosodiphenylamine	15.59	169	321871	17.033	ng/ul	98
65) 4-Bromophenyl-phenylether	16.27	248	127789	16.946	ng/ul	95
66) Hexachlorobenzene	16.37	284	147795	17.772	ng/ul#	92
67) Atrazine	16.54	200	132106	18.940	ng/ul	93
68) Pentachlorophenol	16.73	266	86444	17.972	ng/ul	96
69) Phenanthrene	17.12	178	716474	19.659	ng/ul	99
71) Anthracene	17.20	178	725169	19.466	ng/ul	99
72) Carbazole	17.48	167	685165	21.383	ng/ul	98
73) Di-n-butylphthalate	18.05	149	720501	19.261	ng/ul	99
74) Fluoranthene	19.13	202	1038157	23.244	ng/ul#	93
77) Pyrene	19.50	202	1093174	17.050	ng/ul#	92
78) Butylbenzylphthalate	20.41	149	437585	17.467	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.19	252	403103	18.170	ng/ul#	96
80) Benzo(a)anthracene	21.25	228	1275693	19.051	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	651717	17.259	ng/ul#	95
82) Chrysene	21.30	228	1208525	19.454	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1183695	16.139	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	1337387	19.235	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	1282535	19.601	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1250842	20.027	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1370291	22.111	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.74	278	1153519	21.860	ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	1103096	22.566	ng/ul#	96

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

