

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM021418\
 Data File : BM014234.D
 Acq On : 14 Feb 2018 13:27
 Operator : SJ/JU
 Sample : SSTD04035
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04035

Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:08:53 AM

Quant Time: Feb 14 14:01:12 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 14 13:24:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	98509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	460805	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	329176	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	787752	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	729512	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	560165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	37073	17.27	ng/uL	0.00
5) Phenol-d5	6.73	99	329436	44.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	199548	44.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	257310	43.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	287330	46.35	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	137856	41.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	155113	42.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	309728	40.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	317683	47.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	1077532	39.44	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1377895	41.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	150954	40.10	ng/ul	0.00
57) Fluorene-d10	15.20	176	967467	39.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	196879	40.70	ng/ul	0.00
70) Anthracene-d10	17.05	188	1555028	40.66	ng/ul	0.00
76) Pyrene-d10	19.36	212	1658138	47.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	1137073	41.36	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.14	88	36579	15.516	ng/uL# 67
4) Benzaldehyde	6.70	77	166063	46.761	ng/ul 98
6) Phenol	6.76	94	332181	44.847	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.98	93	248642	43.178	ng/ul 94
10) 2-Chlorophenol	7.11	128	263422	44.526	ng/ul 96
11) 2-Methylphenol	7.99	108	259208	45.442	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.07	45	242305	41.891	ng/ul# 67
14) Acetophenone	8.36	105	501228	47.892	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.36	70	264169	49.349	ng/ul# 77
16) 4-Methylphenol	8.32	108	285538	46.848	ng/ul 95
17) Hexachloroethane	8.59	117	134724	43.659	ng/ul# 73
20) Nitrobenzene	8.74	77	408001	43.647	ng/ul 99
21) Isophorone	9.26	82	707751	44.976	ng/ul 99
23) 2-Nitrophenol	9.45	139	159059	42.025	ng/ul 97
24) 2,4-Dimethylphenol	9.51	107	387065	45.351	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.75	93	384406	44.347	ng/ul 91
27) 2,4-Dichlorophenol	9.97	162	295393	41.048	ng/ul# 92
28) Naphthalene	10.36	128	965429	41.616	ng/ul 98
30) 4-Chloroaniline	10.49	127	336404	50.007	ng/ul 94
31) Hexachlorobutadiene	10.63	225	220913	34.049	ng/ul 97
32) Caprolactam	11.29	113	84738m	42.887	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	351565	46.636	ng/ul 95
34) 2-Methylnaphthalene	11.98	142	756439	43.188	ng/ul 93

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36) 1,2,4,5-Tetrachlorobenzene	12.36	216	425081	35.367	ng/ul#	94
37) Hexachlorocyclopentadiene	12.33	237	237648	36.308	ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	275246	39.372	ng/ul	98
39) 2,4,5-Trichlorophenol	12.70	196	282937	39.343	ng/ul	95
40) 1,1'-Biphenyl	13.02	154	1059944	41.453	ng/ul	97
41) 2-Chloronaphthalene	13.06	162	831884	40.270	ng/ul	95
42) 2-Nitroaniline	13.29	65	290882	49.567	ng/ul	94
44) Dimethylphthalate	13.67	163	1076876	40.891	ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	219377	42.888	ng/ul#	82
47) Acenaphthylene	13.92	152	1279496	41.581	ng/ul	99
48) 3-Nitroaniline	14.13	138	175991	45.785	ng/ul	98
49) Acenaphthene	14.26	153	892685	41.376	ng/ul	96
50) 2,4-Dinitrophenol	14.35	184	110352	40.216	ng/ul#	59
52) 4-Nitrophenol	14.46	109	206626	45.541	ng/ul#	73
53) Dibenzofuran	14.60	168	1340487	40.801	ng/ul	91
54) 2,4-Dinitrotoluene	14.60	165	335958	43.407	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	14.83	232	276228	38.103	ng/ul#	79
56) Diethylphthalate	15.04	149	1191923	43.145	ng/ul	94
58) Fluorene	15.25	166	1145545	41.813	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.25	204	595469	37.957	ng/ul	91
60) 4-Nitroaniline	15.30	138	191679	44.371	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.36	198	208540	42.542	ng/ul	93
64) N-Nitrosodiphenylamine	15.47	169	955117	42.024	ng/ul	99
65) 4-Bromophenyl-phenylether	16.14	248	367478	37.323	ng/ul#	88
66) Hexachlorobenzene	16.26	284	373995	35.699	ng/ul#	81
67) Atrazine	16.44	200	361123	39.558	ng/ul	95
68) Pentachlorophenol	16.61	266	198115	38.409	ng/ul	98
69) Phenanthrene	17.00	178	1820743	41.108	ng/ul	99
71) Anthracene	17.09	178	1847628	41.174	ng/ul	99
72) Carbazole	17.37	167	1529981	41.803	ng/ul	98
73) Di-n-butylphthalate	17.93	149	2063752	44.950	ng/ul	99
74) Fluoranthene	19.02	202	2097071	38.056	ng/ul#	91
77) Pyrene	19.39	202	2108695	48.441	ng/ul#	91
78) Butylbenzylphthalate	20.30	149	880562	51.313	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.09	252	525035	46.184	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	1864156	41.022	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.08	149	1211831	48.434	ng/ul#	95
82) Chrysene	21.20	228	1707391	39.972	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	1789796	50.193	ng/ul#	95
85) Benzo(b)fluoranthene	22.69	252	1549627	43.838	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	1476321	42.484	ng/ul#	98
88) Benzo(a)pyrene	23.24	252	1375252	41.284	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.50	276	1425791	39.058	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.51	278	1190965	38.475	ng/ul#	96
91) Benzo(g,h,i)perylene	26.16	276	1166979	38.668	ng/ul#	97

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

