

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013151.D
 Acq On : 30 Nov 2017 10:49
 Operator : SJ/JU
 Sample : SSTD04006
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04006

Manual Integrations
 APPROVED

Sohil
 12/1/2017 3:40:42 PM

Quant Time: Nov 30 11:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 30 11:45:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	185594	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	823557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	507386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1238215	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1401843	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1240305	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	58015	14.48	ng/uL	0.00
5) Phenol-d5	6.89	99	659005	41.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	370236	40.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	524972	40.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	563703	42.81	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	270602	46.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	298009	53.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	601320	42.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	637652	43.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1849678	41.56	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	2332128	41.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	325982	48.29	ng/ul	0.01
57) Fluorene-d10	15.34	176	1585004	41.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	323274	60.21	ng/ul	0.00
70) Anthracene-d10	17.19	188	2584247	40.77	ng/ul	0.00
76) Pyrene-d10	19.49	212	2920760	40.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2634012	41.88	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	66457	15.098	ng/uL#	63
4) Benzaldehyde	6.85	77	339867	39.228	ng/ul	92
6) Phenol	6.92	94	648866	40.894	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.14	93	500501	41.895	ng/ul	99
10) 2-Chlorophenol	7.27	128	518884	40.802	ng/ul	95
11) 2-Methylphenol	8.15	108	503936	41.842	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	516683	38.123	ng/ul#	79
14) Acetophenone	8.53	105	851541	42.193	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.52	70	432585	41.792	ng/ul#	70
16) 4-Methylphenol	8.48	108	542698	42.433	ng/ul	96
17) Hexachloroethane	8.77	117	224939	41.765	ng/ul	79
20) Nitrobenzene	8.90	77	668070	45.555	ng/ul	94
21) Isophorone	9.43	82	1193164	39.706	ng/ul	95
23) 2-Nitrophenol	9.61	139	303962	50.028	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	647944	40.539	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.91	93	689142	39.965	ng/ul	96
27) 2,4-Dichlorophenol	10.14	162	549729	41.742	ng/ul	93
28) Naphthalene	10.53	128	1713860	40.387	ng/ul	99
30) 4-Chloroaniline	10.65	127	619575	43.610	ng/ul	94
31) Hexachlorobutadiene	10.82	225	382803	40.367	ng/ul	92
32) Caprolactam	11.43	113	173255m	41.895	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	599828	42.761	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	1305424	42.046	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	754176	40.864	ng/ul#	94
37) Hexachlorocyclopentadiene	12.50	237	507688	37.196	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	485030	43.608	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	515189	44.301	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	1771304	41.435	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	1376751	40.633	ng/ul	100
42) 2-Nitroaniline	13.43	65	421362	58.557	ng/ul	87
44) Dimethylphthalate	13.81	163	1779739	41.819	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	375415	57.813	ng/ul	98
47) Acenaphthylene	14.07	152	2112850	40.445	ng/ul	99
48) 3-Nitroaniline	14.26	138	334318	54.967	ng/ul	91
49) Acenaphthene	14.41	153	1446988	41.216	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	200888	64.622	ng/ul	91
52) 4-Nitrophenol	14.58	109	319046	52.156	ng/ul#	81
53) Dibenzofuran	14.75	168	2105338	41.865	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	541764	59.643	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.97	232	479281	49.213	ng/ul	90
56) Diethylphthalate	15.18	149	1794602	41.708	ng/ul	96
58) Fluorene	15.40	166	1766246	42.647	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	950078	43.424	ng/ul	98
60) 4-Nitroaniline	15.43	138	371801	46.485	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.48	198	322145	55.247	ng/ul#	99
64) N-Nitrosodiphenylamine	15.61	169	1515213	38.978	ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	604352	40.297	ng/ul	95
66) Hexachlorobenzene	16.40	284	644902	39.844	ng/ul#	92
67) Atrazine	16.57	200	586529	39.390	ng/ul	93
68) Pentachlorophenol	16.74	266	387976	46.477	ng/ul	97
69) Phenanthrene	17.13	178	2884421	41.416	ng/ul	99
71) Anthracene	17.23	178	2935945	40.628	ng/ul	99
72) Carbazole	17.50	167	2509069	40.150	ng/ul	99
73) Di-n-butylphthalate	18.07	149	3088970	38.805	ng/ul	98
74) Fluoranthene	19.15	202	3542750	42.085	ng/ul#	93
77) Pyrene	19.52	202	3535927	40.508	ng/ul#	91
78) Butylbenzylphthalate	20.43	149	1471416	40.569	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.20	252	1220271	42.352	ng/ul	96
80) Benzo(a)anthracene	21.26	228	3624382	40.397	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	2185439	40.884	ng/ul	99
82) Chrysene	21.32	228	3349067	40.255	ng/ul	99
84) Di-n-octyl phthalate	22.08	149	3593197	43.962	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	3517130	43.879	ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	3272245	44.343	ng/ul#	99
88) Benzo(a)pyrene	23.41	252	3079091	41.249	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	3038858	34.852	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	2592903	35.104	ng/ul#	96
91) Benzo(g,h,i)perylene	26.43	276	2380679	32.860	ng/ul#	97

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

