

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
 Data File : BM012348.D
 Acq On : 21 Oct 2017 08:25
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02022

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:54:04 PM

Quant Time: Oct 23 04:18:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 02:34:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	212782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	931022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	584526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1388246	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1592845	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1343418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	30418	6.79	ng/uL	0.00
5) Phenol-d5	6.94	99	317732	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	192815	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	279011	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	284192	19.12	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	132563	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	156983	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	312385	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	371882	25.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	976849	18.91	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1196829	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	115328	14.85	ng/ul	0.00
57) Fluorene-d10	15.42	176	819547	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	146739	15.40	ng/ul	0.00
70) Anthracene-d10	17.27	188	1313292	19.13	ng/ul	0.00
76) Pyrene-d10	19.57	212	1527964	18.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1269476	19.60	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	31421	6.877	ng/uL 90
4) Benzaldehyde	6.92	77	219764	19.050	ng/ul 96
6) Phenol	6.97	94	329564	18.466	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.20	93	251327	18.479	ng/ul 94
10) 2-Chlorophenol	7.33	128	286344	19.159	ng/ul 94
11) 2-Methylphenol	8.22	108	252755	18.830	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	319160	18.481	ng/ul 94
14) Acetophenone	8.60	105	438224	19.399	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.58	70	233306	19.271	ng/ul 92
16) 4-Methylphenol	8.55	108	280586	18.969	ng/ul 100
17) Hexachloroethane	8.83	117	120679	19.135	ng/ul 88
20) Nitrobenzene	8.98	77	338730	19.189	ng/ul 97
21) Isophorone	9.50	82	618989	18.769	ng/ul 97
23) 2-Nitrophenol	9.69	139	172954	19.427	ng/ul 93
24) 2,4-Dimethylphenol	9.75	107	340153	18.959	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.98	93	356099	18.414	ng/ul 98
27) 2,4-Dichlorophenol	10.23	162	305784	19.585	ng/ul 97
28) Naphthalene	10.61	128	923232	19.167	ng/ul 99
30) 4-Chloroaniline	10.74	127	367305	25.180	ng/ul 98
31) Hexachlorobutadiene	10.88	225	221744	19.162	ng/ul 97
32) Caprolactam	11.54	113	92426m	18.751	ng/ul
33) 4-Chloro-3-methylphenol	11.88	107	316800	19.366	ng/ul 97
34) 2-Methylnaphthalene	12.24	142	701181	19.290	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.61	216	397075	18.713	ng/ul#	97
37) Hexachlorocyclopentadiene	12.57	237	150424	15.906	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	262916	18.688	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	267356	18.466	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	940026	19.055	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	750269	19.383	ng/ul	98
42) 2-Nitroaniline	13.52	65	200843	18.648	ng/ul	89
44) Dimethylphthalate	13.88	163	962601	18.598	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	197326	19.207	ng/ul	91
47) Acenaphthylene	14.14	152	1178601	19.193	ng/ul	99
48) 3-Nitroaniline	14.35	138	182220	22.797	ng/ul	92
49) Acenaphthene	14.49	153	795959	19.243	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	92890	15.922	ng/ul#	87
52) 4-Nitrophenol	14.68	109	111305	15.946	ng/ul	96
53) Dibenzofuran	14.82	168	1157120	19.428	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	290087	19.482	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.06	232	238502	18.001	ng/ul	91
56) Diethylphthalate	15.24	149	992539	17.740	ng/ul	98
58) Fluorene	15.47	166	950641	19.218	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	494029	19.012	ng/ul	92
60) 4-Nitroaniline	15.52	138	178210	18.056	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.58	198	149778	14.891	ng/ul#	84
64) N-Nitrosodiphenylamine	15.68	169	801429	18.444	ng/ul	98
65) 4-Bromophenyl-phenylether	16.36	248	306062	18.418	ng/ul	94
66) Hexachlorobenzene	16.48	284	351471	18.669	ng/ul	94
67) Atrazine	16.64	200	333119	18.334	ng/ul	97
68) Pentachlorophenol	16.84	266	173400	16.515	ng/ul	97
69) Phenanthrene	17.22	178	1495903	18.942	ng/ul	98
71) Anthracene	17.31	178	1570486	19.209	ng/ul	100
72) Carbazole	17.58	167	1324542	19.142	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1745409	18.169	ng/ul	99
74) Fluoranthene	19.24	202	1869865	19.620	ng/ul#	98
77) Pyrene	19.60	202	1984479	18.865	ng/ul	96
78) Butylbenzylphthalate	20.48	149	881203	18.818	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.28	252	658518	20.773	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1940967	18.727	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1309093	18.631	ng/ul#	97
82) Chrysene	21.39	228	1772086	18.211	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2294406	23.361	ng/ul#	96
85) Benzo(b)fluoranthene	22.96	252	1686152	19.233	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	1731592	20.496	ng/ul#	98
88) Benzo(a)pyrene	23.55	252	1561930	18.903	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.99	276	1614118	18.395	ng/ul	97
90) Dibenzo(a,h)anthracene	25.99	278	1358410	18.416	ng/ul#	97
91) Benzo(g,h,i)perylene	26.71	276	1299645	18.084	ng/ul	97

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

