

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013342.D
 Acq On : 12 Dec 2017 16:57
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02030

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:36 PM

Quant Time: Dec 13 01:33:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:12:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	182567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	792178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	501275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1274618	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1243161	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	974301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	27393	7.43	ng/uL	0.00
5) Phenol-d5	6.86	99	292036	18.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	170230	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	236393	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	243972	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	121841	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	135848	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	270102	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	312909	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	867697	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1098481	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	141898	18.31	ng/ul	0.00
57) Fluorene-d10	15.33	176	760147	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	125195	15.61	ng/ul	0.00
70) Anthracene-d10	17.17	188	1240488	19.43	ng/ul	0.00
76) Pyrene-d10	19.47	212	1379799	22.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	980404	19.76	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	31746	7.671	ng/uL#	61
4) Benzaldehyde	6.84	77	158371	20.262	ng/ul	89
6) Phenol	6.89	94	291186	18.648	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.12	93	226452	18.967	ng/ul	98
10) 2-Chlorophenol	7.26	128	239052	19.751	ng/ul	92
11) 2-Methylphenol	8.13	108	222349	18.411	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	233338	18.613	ng/ul#	81
14) Acetophenone	8.51	105	384177	18.720	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.49	70	197948	19.149	ng/ul#	68
16) 4-Methylphenol	8.46	108	237379	18.381	ng/ul	84
17) Hexachloroethane	8.75	117	101789	19.317	ng/ul	80
20) Nitrobenzene	8.88	77	304036	19.212	ng/ul	98
21) Isophorone	9.40	82	538913	19.353	ng/ul#	94
23) 2-Nitrophenol	9.59	139	139655	20.035	ng/ul#	81
24) 2,4-Dimethylphenol	9.65	107	294012	19.339	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.89	93	314644	19.307	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	250614	19.582	ng/ul#	92
28) Naphthalene	10.52	128	792991	19.457	ng/ul	99
30) 4-Chloroaniline	10.63	127	301272	24.437	ng/ul	95
31) Hexachlorobutadiene	10.80	225	178347	19.239	ng/ul	96
32) Caprolactam	11.41	113	80797m	19.754	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	276298	19.680	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	600710	19.607	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	346425	19.152	ng/ul	95
37) Hexachlorocyclopentadiene	12.48	237	214866	18.048	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	230270	20.420	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	241381	20.152	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	819363	19.341	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	650642	19.576	ng/ul	98
42) 2-Nitroaniline	13.41	65	192142	19.731	ng/ul	94
44) Dimethylphthalate	13.79	163	827151	19.387	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	173080	19.891	ng/ul#	97
47) Acenaphthylene	14.05	152	999828	19.627	ng/ul	99
48) 3-Nitroaniline	14.24	138	164767	21.184	ng/ul	87
49) Acenaphthene	14.39	153	681913	19.651	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	68313	14.187	ng/ul	89
52) 4-Nitrophenol	14.56	109	138613	18.231	ng/ul#	77
53) Dibenzofuran	14.73	168	1008652	19.689	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	255813	20.210	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	230241	20.964	ng/ul	94
56) Diethylphthalate	15.16	149	858380	20.060	ng/ul	94
58) Fluorene	15.38	166	837268	19.756	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	452959	19.692	ng/ul	99
60) 4-Nitroaniline	15.41	138	187161	20.396	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	128424	16.027	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	718970	19.148	ng/ul	97
65) 4-Bromophenyl-phenylether	16.27	248	290323	19.376	ng/ul	98
66) Hexachlorobenzene	16.39	284	317723	19.228	ng/ul	93
67) Atrazine	16.55	200	287008	20.709	ng/ul#	88
68) Pentachlorophenol	16.73	266	170738	17.865	ng/ul	94
69) Phenanthrene	17.12	178	1385300	19.130	ng/ul	100
71) Anthracene	17.21	178	1407785	19.019	ng/ul	98
72) Carbazole	17.49	167	1198337	18.822	ng/ul	98
73) Di-n-butylphthalate	18.05	149	1485859	19.992	ng/ul	98
74) Fluoranthene	19.14	202	1671511	18.836	ng/ul#	92
77) Pyrene	19.50	202	1677463	22.211	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	673046	22.808	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.19	252	453228	17.343	ng/ul#	95
80) Benzo(a)anthracene	21.25	228	1555679	19.723	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	938375	21.097	ng/ul	98
82) Chrysene	21.30	228	1438748	19.661	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1508933	21.779	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1364516	20.775	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1261750	20.414	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1137573	19.281	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1215836	20.769	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.74	278	1045662	20.977	ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	973007	21.072	ng/ul#	96

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

