

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013150.D
 Acq On : 30 Nov 2017 10:13
 Operator : SJ/JU
 Sample : SSTD02005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

Sohil
 12/1/2017 3:40:39 PM

Quant Time: Nov 30 11:56:39 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	178454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	780048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	496428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1203870	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1369085	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1216410	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28584	7.42	ng/uL	0.00
5) Phenol-d5	6.89	99	288906	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	167617	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	228642	18.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	252017	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	124705	22.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	128906	24.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	267305	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	298070	21.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	856794	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1063466	19.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	139310	21.09	ng/ul	0.00
57) Fluorene-d10	15.34	176	733356	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	135406	25.94	ng/ul	0.00
70) Anthracene-d10	17.19	188	1182923	19.19	ng/ul	0.00
76) Pyrene-d10	19.49	212	1347489	19.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1232054	19.97	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	32110	7.587	ng/uL#	63
4) Benzaldehyde	6.85	77	158040	18.971	ng/ul	95
6) Phenol	6.91	94	288375	18.901	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.13	93	219975	19.150	ng/ul	98
10) 2-Chlorophenol	7.27	128	224820	18.386	ng/ul	97
11) 2-Methylphenol	8.15	108	223046	19.261	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	235619	18.080	ng/ul#	81
14) Acetophenone	8.52	105	384641	19.821	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.51	70	194065	19.499	ng/ul#	71
16) 4-Methylphenol	8.47	108	231252	18.805	ng/ul	94
17) Hexachloroethane	8.77	117	97785	18.882	ng/ul	82
20) Nitrobenzene	8.90	77	298220	21.470	ng/ul	96
21) Isophorone	9.42	82	542269	19.052	ng/ul	94
23) 2-Nitrophenol	9.60	139	132763	23.070	ng/ul#	85
24) 2,4-Dimethylphenol	9.67	107	289814	19.144	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	9.90	93	314692	19.268	ng/ul	96
27) 2,4-Dichlorophenol	10.14	162	247812	19.866	ng/ul#	85
28) Naphthalene	10.53	128	776426	19.317	ng/ul	99
30) 4-Chloroaniline	10.65	127	283960	21.102	ng/ul	90
31) Hexachlorobutadiene	10.82	225	176238	19.621	ng/ul	93
32) Caprolactam	11.42	113	80897m	20.653	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	275004	20.698	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	599144	20.374	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	344172	19.060	ng/ul	94
37) Hexachlorocyclopentadiene	12.50	237	219424	16.431	ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	219773	20.195	ng/ul	98
39) 2,4,5-Trichlorophenol	12.84	196	230511	20.259	ng/ul	94
40) 1,1'-Biphenyl	13.17	154	811197	19.395	ng/ul	98
41) 2-Chloronaphthalene	13.21	162	629155	18.979	ng/ul	97
42) 2-Nitroaniline	13.42	65	186692	26.517	ng/ul	93
44) Dimethylphthalate	13.81	163	814308	19.556	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	169445	26.670	ng/ul	96
47) Acenaphthylene	14.06	152	987901	19.328	ng/ul	98
48) 3-Nitroaniline	14.26	138	153593	25.811	ng/ul#	84
49) Acenaphthene	14.41	153	666505	19.404	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	81097	26.663	ng/ul	96
52) 4-Nitrophenol	14.57	109	139262	23.269	ng/ul#	80
53) Dibenzofuran	14.75	168	975180	19.820	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	246152	27.697	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	14.97	232	214863	22.550	ng/ul	91
56) Diethylphthalate	15.18	149	825901	19.618	ng/ul	96
58) Fluorene	15.40	166	810536	20.003	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	437738	20.449	ng/ul	95
60) 4-Nitroaniline	15.42	138	176836	22.597	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	133607	23.567	ng/ul	96
64) N-Nitrosodiphenylamine	15.61	169	693603	18.351	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	272634	18.697	ng/ul	94
66) Hexachlorobenzene	16.40	284	296471	18.839	ng/ul#	93
67) Atrazine	16.56	200	271291	18.739	ng/ul	94
68) Pentachlorophenol	16.74	266	158632	19.545	ng/ul	97
69) Phenanthrene	17.13	178	1341232	19.807	ng/ul	98
71) Anthracene	17.22	178	1361472	19.378	ng/ul	99
72) Carbazole	17.50	167	1148839	18.908	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1401928	18.114	ng/ul	98
74) Fluoranthene	19.15	202	1624906	19.853	ng/ul#	95
77) Pyrene	19.52	202	1638989	19.226	ng/ul#	94
78) Butylbenzylphthalate	20.42	149	650008	18.351	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	572518	20.346	ng/ul#	98
80) Benzo(a)anthracene	21.26	228	1699199	19.392	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	983732	18.844	ng/ul	99
82) Chrysene	21.32	228	1571884	19.346	ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1608776	20.070	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1594746	20.287	ng/ul#	95
86) Benzo(k)fluoranthene	22.88	252	1553982	21.472	ng/ul#	97
88) Benzo(a)pyrene	23.41	252	1464500	20.005	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1416030	16.559	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1204340	16.625	ng/ul#	97
91) Benzo(g,h,i)perylene	26.42	276	1101007	15.496	ng/ul#	95

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

