

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
 Data File : BM012966.D
 Acq On : 16 Nov 2017 15:33
 Operator : SJ/JU
 Sample : SSTD08030
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD08030

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 5:13:21 PM

Quant Time: Nov 16 16:31:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 16:08:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	145883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	582922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	338766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	782903	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	875900	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	897614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	92071	27.38	ng/uL	0.00
5) Phenol-d5	6.90	99	1015526	74.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	570135	68.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	809036	75.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	814187	70.29	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	364421	79.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	361397	74.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	835161	87.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	869508	81.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	2416303	80.99	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3114272	84.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	403909	78.66	ng/ul	0.01
57) Fluorene-d10	15.37	176	2063862	82.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	321736	63.78	ng/ul	0.00
70) Anthracene-d10	17.22	188	3237478	81.68	ng/ul	0.00
76) Pyrene-d10	19.52	212	3575561	82.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	3790199	84.48	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	102268	26.585	ng/uL#	67
4) Benzaldehyde	6.88	77	481179	63.184	ng/ul	90
6) Phenol	6.93	94	1001138	74.012	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.17	93	741665	71.361	ng/ul	98
10) 2-Chlorophenol	7.30	128	806430	75.309	ng/ul	97
11) 2-Methylphenol	8.17	108	742659	73.029	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	831675	51.873	ng/ul#	84
14) Acetophenone	8.55	105	1243437	74.720	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.55	70	622913	69.721	ng/ul#	69
16) 4-Methylphenol	8.50	108	802482	71.350	ng/ul	96
17) Hexachloroethane	8.80	117	338602	80.392	ng/ul#	76
20) Nitrobenzene	8.93	77	898586	80.308	ng/ul	94
21) Isophorone	9.46	82	1716753	81.514	ng/ul#	94
23) 2-Nitrophenol	9.63	139	399671	75.788	ng/ul#	77
24) 2,4-Dimethylphenol	9.70	107	921532	83.738	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.94	93	999981	76.223	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	782377	87.101	ng/ul#	93
28) Naphthalene	10.57	128	2451920	79.020	ng/ul	99
30) 4-Chloroaniline	10.67	127	838499	80.854	ng/ul	93
31) Hexachlorobutadiene	10.85	225	543913	96.497	ng/ul	94
32) Caprolactam	11.45	113	233917m	73.735	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	815976	80.474	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	1786878	79.293	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.55	216	1013703	91.503	ng/ul	96
37) Hexachlorocyclopentadiene	12.53	237	757278	225.978	ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	622548	88.633	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	657872	87.628	ng/ul	99
40) 1,1'-Biphenyl	13.21	154	2334654	80.596	ng/ul	98
41) 2-Chloronaphthalene	13.25	162	1843411	82.870	ng/ul	99
42) 2-Nitroaniline	13.45	65	474498	73.575	ng/ul	86
44) Dimethylphthalate	13.85	163	2306542	80.072	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	435527	79.547	ng/ul#	91
47) Acenaphthylene	14.09	152	2840557	80.766	ng/ul	97
48) 3-Nitroaniline	14.28	138	352585	68.067	ng/ul	89
49) Acenaphthene	14.44	153	1932549	78.722	ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	194359	65.755	ng/ul	93
52) 4-Nitrophenol	14.59	109	361845	92.299	ng/ul	79
53) Dibenzofuran	14.77	168	2721087	79.957	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	622679	75.039	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.00	232	567090	84.258	ng/ul	92
56) Diethylphthalate	15.22	149	2338198	79.985	ng/ul	95
58) Fluorene	15.43	166	2275445	81.277	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	1192972	84.890	ng/ul	98
60) 4-Nitroaniline	15.45	138	471289	80.034	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	335619	64.756	ng/ul#	88
64) N-Nitrosodiphenylamine	15.64	169	1959325	79.218	ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	763210	83.072	ng/ul	97
66) Hexachlorobenzene	16.42	284	822319	77.312	ng/ul#	93
67) Atrazine	16.60	200	772012	83.936	ng/ul	94
68) Pentachlorophenol	16.76	266	447387	84.526	ng/ul	98
69) Phenanthrene	17.16	178	3594970	79.099	ng/ul	99
71) Anthracene	17.26	178	3679124	79.190	ng/ul	98
72) Carbazole	17.52	167	3215880	79.249	ng/ul	99
73) Di-n-butylphthalate	18.11	149	4111895	84.291	ng/ul#	98
74) Fluoranthene	19.18	202	4392050	85.442	ng/ul#	92
77) Pyrene	19.54	202	4397068	80.893	ng/ul#	91
78) Butylbenzylphthalate	20.46	149	1907039	86.516	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.23	252	1437343	81.450	ng/ul#	95
80) Benzo(a)anthracene	21.29	228	4577928	84.340	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	2832051	88.478	ng/ul#	98
82) Chrysene	21.34	228	4226733	83.026	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	4907608	83.404	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	4852174	86.054	ng/ul#	96
86) Benzo(k)fluoranthene	22.93	252	4339734	79.639	ng/ul#	98
88) Benzo(a)pyrene	23.46	252	4438397	83.626	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.82	276	5291791	88.860	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.84	278	4461693	89.001	ng/ul#	96
91) Benzo(g,h,i)perylene	26.51	276	4373342	89.967	ng/ul#	95

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

