

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013157.D
 Acq On : 30 Nov 2017 14:41
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02010

Manual Integrations
 APPROVED

Sohil
 12/1/2017 3:40:52 PM

Quant Time: Dec 01 13:24:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 13:03:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	191828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	859874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	552513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1355634	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1456072	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1240763	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	29368	7.58	ng/uL	0.00
5) Phenol-d5	6.88	99	340634	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	194025	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	269210	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	293962	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	139251	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	154474	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	305784	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	361306	26.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	984127	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1233387	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	173278	20.28	ng/ul	0.00
57) Fluorene-d10	15.34	176	841661	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	156720	18.38	ng/ul	0.00
70) Anthracene-d10	17.19	188	1349787	19.88	ng/ul	0.00
76) Pyrene-d10	19.49	212	1540702	21.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1301315	20.59	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	34036	7.827	ng/uL#	65
4) Benzaldehyde	6.86	77	179209	21.822	ng/ul	87
6) Phenol	6.91	94	334529	20.389	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.14	93	261593	20.853	ng/ul	97
10) 2-Chlorophenol	7.27	128	267100	21.003	ng/ul	97
11) 2-Methylphenol	8.15	108	257702	20.308	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	277549	21.071	ng/ul#	82
14) Acetophenone	8.52	105	446365	20.701	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.51	70	231107	21.278	ng/ul#	67
16) 4-Methylphenol	8.47	108	284480	20.964	ng/ul	91
17) Hexachloroethane	8.77	117	111995	20.228	ng/ul	81
20) Nitrobenzene	8.90	77	344228	20.039	ng/ul	97
21) Isophorone	9.42	82	632827	20.936	ng/ul#	93
23) 2-Nitrophenol	9.60	139	159370	21.064	ng/ul#	86
24) 2,4-Dimethylphenol	9.67	107	344463	20.874	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.90	93	370862	20.965	ng/ul	93
27) 2,4-Dichlorophenol	10.14	162	295337	21.260	ng/ul	93
28) Naphthalene	10.53	128	895359	20.239	ng/ul	99
30) 4-Chloroaniline	10.65	127	350576	26.198	ng/ul	91
31) Hexachlorobutadiene	10.82	225	195637	19.442	ng/ul	92
32) Caprolactam	11.42	113	95466m	21.502	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	324119	21.269	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	680941	20.476	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	398755	20.001	ng/ul	97
37) Hexachlorocyclopentadiene	12.50	237	245337	18.696	ng/ul	95
38) 2,4,6-Trichlorophenol	12.77	196	256789	20.660	ng/ul	97
39) 2,4,5-Trichlorophenol	12.84	196	272101	20.610	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	925748	19.825	ng/ul	97
41) 2-Chloronaphthalene	13.22	162	731569	19.969	ng/ul	99
42) 2-Nitroaniline	13.43	65	223394	20.813	ng/ul	94
44) Dimethylphthalate	13.81	163	951212	20.228	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	197122	20.553	ng/ul	93
47) Acenaphthylene	14.06	152	1131816	20.158	ng/ul	98
48) 3-Nitroaniline	14.26	138	185899	21.685	ng/ul	85
49) Acenaphthene	14.41	153	765409	20.011	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	93451	17.608	ng/ul	95
52) 4-Nitrophenol	14.57	109	171134	20.421	ng/ul#	78
53) Dibenzofuran	14.75	168	1116062	19.765	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	290873	20.849	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.97	232	250825	20.720	ng/ul	91
56) Diethylphthalate	15.18	149	947112	20.081	ng/ul	95
58) Fluorene	15.40	166	931648	19.944	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	498518	19.663	ng/ul	99
60) 4-Nitroaniline	15.42	138	201129	19.885	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	160207	18.799	ng/ul	96
64) N-Nitrosodiphenylamine	15.61	169	803426	20.119	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	316976	19.891	ng/ul	94
66) Hexachlorobenzene	16.39	284	346365	19.709	ng/ul#	92
67) Atrazine	16.56	200	313428	21.264	ng/ul	91
68) Pentachlorophenol	16.74	266	194316	19.117	ng/ul	97
69) Phenanthrene	17.13	178	1524936	19.800	ng/ul	99
71) Anthracene	17.22	178	1560159	19.818	ng/ul	98
72) Carbazole	17.50	167	1323117	19.540	ng/ul	100
73) Di-n-butylphthalate	18.07	149	1614979	20.430	ng/ul	98
74) Fluoranthene	19.15	202	1840908	19.505	ng/ul#	93
77) Pyrene	19.52	202	1857948	21.003	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	754655	21.834	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	625794	20.445	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	1875229	20.298	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1108687	21.281	ng/ul#	99
82) Chrysene	21.32	228	1732401	20.213	ng/ul	100
84) Di-n-octyl phthalate	22.08	149	1833564	20.781	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1720527	20.570	ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	1648165	20.939	ng/ul#	97
88) Benzo(a)pyrene	23.41	252	1523992	20.283	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.74	276	1448265	19.427	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.75	278	1249589	19.685	ng/ul#	97
91) Benzo(g,h,i)perylene	26.42	276	1161666	19.755	ng/ul#	96

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

