

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012154.D
 Acq On : 14 Oct 2017 02:51
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:44:42 PM

Quant Time: Oct 14 05:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 04:34:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	202055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	882045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	562777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1337368	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1329794	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1138739	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	28991	6.82	ng/uL	0.00
5) Phenol-d5	6.99	99	320373	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	187580	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	273438	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	285338	20.22	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	133461	19.83	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	163055	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	307360	20.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	337207	23.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1004826	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1190405	19.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	142356	19.04	ng/ul	-0.01
57) Fluorene-d10	15.47	176	812537	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	173210	18.87	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1285662	19.44	ng/ul	0.00
76) Pyrene-d10	19.62	212	1437655	21.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1102662	20.09	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.27	88	29859	6.88 ng/uL#	69
4) Benzaldehyde	6.97	77	216740	19.78 ng/ul	90
6) Phenol	7.02	94	327197	19.31 ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.25	93	250152	19.37 ng/ul	97
10) 2-Chlorophenol	7.39	128	281469	19.83 ng/ul	96
11) 2-Methylphenol	8.27	108	253667	19.90 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	305547	18.63 ng/ul#	86
14) Acetophenone	8.65	105	437620	20.40 ng/ul	91
15) N-Nitroso-di-n-propylamine	8.63	70	235050	20.45 ng/ul#	71
16) 4-Methylphenol	8.60	108	286947	20.43 ng/ul	95
17) Hexachloroethane	8.89	117	118701	19.82 ng/ul#	79
20) Nitrobenzene	9.03	77	335334	20.05 ng/ul	94
21) Isophorone	9.56	82	636995	20.39 ng/ul#	93
23) 2-Nitrophenol	9.75	139	172660	20.47 ng/ul#	78
24) 2,4-Dimethylphenol	9.80	107	343345	20.20 ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.03	93	367096	20.04 ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	300948	20.35 ng/ul	92
28) Naphthalene	10.67	128	904526	19.82 ng/ul	99
30) 4-Chloroaniline	10.79	127	330502	23.91 ng/ul	97
31) Hexachlorobutadiene	10.95	225	221519	20.21 ng/ul	94
32) Caprolactam	11.59	113	100942m	21.62 ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	325490	21.00 ng/ul	95
34) 2-Methylnaphthalene	12.29	142	689399	20.02 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	404032	19.78	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	220203	24.18	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	271778	20.06	ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	277344	19.90	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	920180	19.37	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	720656	19.34	ng/ul	97
42) 2-Nitroaniline	13.56	65	211511	20.40	ng/ul	93
44) Dimethylphthalate	13.93	163	992372	19.91	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	207429	20.97	ng/ul	90
47) Acenaphthylene	14.20	152	1160817	19.63	ng/ul	98
48) 3-Nitroaniline	14.39	138	166108	21.58	ng/ul	85
49) Acenaphthene	14.54	153	783136	19.66	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	103700	18.46	ng/ul	97
52) 4-Nitrophenol	14.71	109	134087	19.95	ng/ul#	79
53) Dibenzofuran	14.87	168	1140533	19.89	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	302521	21.10	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	254664	19.96	ng/ul#	89
56) Diethylphthalate	15.29	149	1033890	19.19	ng/ul	94
58) Fluorene	15.52	166	952583	20.00	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	506905	20.26	ng/ul	97
60) 4-Nitroaniline	15.56	138	199978	21.04	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.62	198	182358	18.82	ng/ul	93
64) N-Nitrosodiphenylamine	15.73	169	820257	19.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	323451	20.20	ng/ul	94
66) Hexachlorobenzene	16.53	284	355659	19.61	ng/ul#	91
67) Atrazine	16.68	200	346560	19.80	ng/ul	95
68) Pentachlorophenol	16.88	266	178789	17.68	ng/ul	98
69) Phenanthrene	17.26	178	1486089	19.53	ng/ul	99
71) Anthracene	17.36	178	1534247	19.48	ng/ul	99
72) Carbazole	17.63	167	1280668	19.21	ng/ul	98
73) Di-n-butylphthalate	18.17	149	1763892	19.06	ng/ul	98
74) Fluoranthene	19.28	202	1772521	19.31	ng/ul#	93
77) Pyrene	19.64	202	1822655	20.75	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	782338	20.01	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.32	252	495587	18.73	ng/ul#	93
80) Benzo(a)anthracene	21.39	228	1691247	19.55	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1105611	18.85	ng/ul#	96
82) Chrysene	21.44	228	1527303	18.80	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1780762	21.39	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	1528354	20.57	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1462234	20.42	ng/ul#	98
88) Benzo(a)pyrene	23.61	252	1409128	20.12	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1382312	18.58	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.09	278	1164382	18.62	ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	1118178	18.36	ng/ul#	95

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

