

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
 Data File : BM010615.D
 Acq On : 21 Jun 2017 06:17
 Operator : SJ/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02039

Manual Integrations
 APPROVED

mohammad
 6/21/2017 4:09:20 PM

Quant Time: Jun 21 06:58:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 21 01:33:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	56429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	253016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	181725	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	489014	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	595373	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	541411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	8025	8.15	ng/uL	0.00
5) Phenol-d5	6.65	99	92919	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	52016	16.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	69052	18.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	82082	18.42	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	36646	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	44303	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	88366	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	105247	22.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	320453	20.09	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	366877	19.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	54255	19.33	ng/ul	0.00
57) Fluorene-d10	15.12	176	280660	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	61012	20.31	ng/ul	0.00
70) Anthracene-d10	16.97	188	459516m	19.46	ng/ul	0.00
76) Pyrene-d10	19.28	212	551409	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	517323	19.77	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	9441	8.582 ng/uL#	46
4) Benzaldehyde	6.62	77	68849	21.762 ng/ul	95
6) Phenol	6.67	94	94748	17.113 ng/ul	94
8) Bis(2-Chloroethyl)ether	6.90	93	69221	17.173 ng/ul	99
10) 2-Chlorophenol	7.03	128	70911	18.812 ng/ul	93
11) 2-Methylphenol	7.91	108	76868	18.215 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.00	45	46841	16.647 ng/ul#	92
14) Acetophenone	8.28	105	134210	18.443 ng/ul	87
15) N-Nitroso-di-n-propylamine	8.27	70	70132	17.885 ng/ul	94
16) 4-Methylphenol	8.23	108	85744	18.467 ng/ul	100
17) Hexachloroethane	8.53	117	32634	19.470 ng/ul	86
20) Nitrobenzene	8.65	77	102789	19.516 ng/ul	99
21) Isophorone	9.17	82	187186	17.881 ng/ul	97
23) 2-Nitrophenol	9.36	139	44337	20.100 ng/ul	91
24) 2,4-Dimethylphenol	9.42	107	110699	19.731 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	106694	18.379 ng/ul	94
27) 2,4-Dichlorophenol	9.88	162	85962	20.171 ng/ul#	93
28) Naphthalene	10.27	128	252331	20.040 ng/ul	99
30) 4-Chloroaniline	10.39	127	100079	21.570 ng/ul	97
31) Hexachlorobutadiene	10.57	225	68178	21.213 ng/ul#	86
32) Caprolactam	11.15	113	27035m	18.075 ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	106346	19.564 ng/ul	95
34) 2-Methylnaphthalene	11.90	142	202721	20.029 ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.28	216	130676	20.375	ng/ul#	92
37) Hexachlorocyclopentadiene	12.26	237	77489	21.018	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.53	196	88533	20.214	ng/ul	93
39) 2,4,5-Trichlorophenol	12.60	196	91793	20.298	ng/ul	97
40) 1,1'-Biphenyl	12.94	154	278812	19.624	ng/ul	98
41) 2-Chloronaphthalene	12.97	162	220730	19.744	ng/ul	97
42) 2-Nitroaniline	13.19	65	65807	20.122	ng/ul	98
44) Dimethylphthalate	13.59	163	313403	20.042	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	58743	21.688	ng/ul	88
47) Acenaphthylene	13.83	152	346398	19.600	ng/ul	97
48) 3-Nitroaniline	14.03	138	55417	20.286	ng/ul	98
49) Acenaphthene	14.18	153	235060	19.716	ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	41036	20.919	ng/ul#	87
52) 4-Nitrophenol	14.35	109	80688	22.653	ng/ul	82
53) Dibenzofuran	14.52	168	363405	20.128	ng/ul	95
54) 2,4-Dinitrotoluene	14.49	165	86662	20.623	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.75	232	91123	19.916	ng/ul#	86
56) Diethylphthalate	14.97	149	326545	19.848	ng/ul	95
58) Fluorene	15.17	166	297001	19.647	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	169060	20.578	ng/ul	94
60) 4-Nitroaniline	15.20	138	62036	19.227	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.26	198	62231	19.445	ng/ul	97
64) N-Nitrosodiphenylamine	15.39	169	262420	19.350	ng/ul	98
65) 4-Bromophenyl-phenylether	16.07	248	108078	19.303	ng/ul#	90
66) Hexachlorobenzene	16.18	284	116553	19.766	ng/ul#	83
67) Atrazine	16.36	200	117387	20.546	ng/ul	97
68) Pentachlorophenol	16.52	266	77972	18.755	ng/ul	97
69) Phenanthrene	16.92	178	508098	19.544	ng/ul	99
71) Anthracene	17.00	178	509726	19.031	ng/ul	98
72) Carbazole	17.28	167	444026	19.002	ng/ul	98
73) Di-n-butylphthalate	17.86	149	561660	18.903	ng/ul	98
74) Fluoranthene	18.94	202	653731	19.511	ng/ul#	96
77) Pyrene	19.31	202	682001	19.832	ng/ul	98
78) Butylbenzylphthalate	20.24	149	257844	19.945	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.02	252	242715	20.378	ng/ul	97
80) Benzo(a)anthracene	21.07	228	700482	20.204	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.03	149	381699	19.352	ng/ul	97
82) Chrysene	21.12	228	621222	20.096	ng/ul	99
84) Di-n-octyl phthalate	21.89	149	647439	17.113	ng/ul#	96
85) Benzo(b)fluoranthene	22.59	252	718957	20.457	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	635652	19.078	ng/ul#	98
88) Benzo(a)pyrene	23.14	252	644110	19.907	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.34	276	701576	20.907	ng/ul	97
90) Dibenzo(a,h)anthracene	25.36	278	571740	20.445	ng/ul#	96
91) Benzo(g,h,i)perylene	25.99	276	559420	20.942	ng/ul	98

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

