

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052517\
 Data File : BG027125.D
 Acq On : 24 May 2017 12:43
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 5/26/2017 10:32:23 AM

Quant Time: May 25 04:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 17 05:12:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	129885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	626551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.61	164	362944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	753585	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	672828	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	694770	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	25946	9.00	ng/uL	0.00
5) Phenol-d5	7.18	99	263368	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	156201	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	210497	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	219876	22.85	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	108243	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	122914	21.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	194968	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	288577	23.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	624769	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	768120	20.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	99127	18.83	ng/ul	0.00
57) Fluorene-d10	15.61	176	537183	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	91082	19.90	ng/ul	0.00
70) Anthracene-d10	17.45	188	754605	20.63	ng/ul	0.00
76) Pyrene-d10	19.74	212	724784	20.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	676175	20.58	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	27457	8.34	ng/uL#	82
4) Benzaldehyde	7.14	77	129847	23.18	ng/ul#	69
6) Phenol	7.21	94	269229	22.92	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.42	93	198210	21.85	ng/ul	94
10) 2-Chlorophenol	7.57	128	205184	21.19	ng/ul#	81
11) 2-Methylphenol	8.46	108	207134	22.27	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.53	45	230179	24.32	ng/ul#	89
14) Acetophenone	8.82	105	320893	22.71	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	155798	22.35	ng/ul#	73
16) 4-Methylphenol	8.79	108	227712	22.39	ng/ul	97
17) Hexachloroethane	9.08	117	74909	20.57	ng/ul#	71
20) Nitrobenzene	9.20	77	213991	21.18	ng/ul#	76
21) Isophorone	9.73	82	445924	22.98	ng/ul#	91
23) 2-Nitrophenol	9.91	139	125764	21.00	ng/ul#	67
24) 2,4-Dimethylphenol	9.98	107	241772	22.14	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.20	93	288248	21.75	ng/ul#	95
27) 2,4-Dichlorophenol	10.46	162	192995	21.38	ng/ul	96
28) Naphthalene	10.85	128	664720	20.38	ng/ul	97
30) 4-Chloroaniline	10.96	127	274340	24.01	ng/ul	92
31) Hexachlorobutadiene	11.14	225	89285	19.56	ng/ul	90
32) Caprolactam	11.72	113	86209	25.56	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.09	107	237704	24.29	ng/ul#	83
34) 2-Methylnaphthalene	12.45	142	500365	20.67	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	183912	19.22	ng/ul	97
37) Hexachlorocyclopentadiene	12.80	237	83795	19.88	ng/ul	96
38) 2,4,6-Trichlorophenol	13.06	196	138957	21.11	ng/ul	94
39) 2,4,5-Trichlorophenol	13.15	196	142754	20.98	ng/ul	94
40) 1,1'-Biphenyl	13.45	154	613660	20.11	ng/ul#	94
41) 2-Chloronaphthalene	13.50	162	457609	19.95	ng/ul	96
42) 2-Nitroaniline	13.70	65	162916	24.86	ng/ul#	75
44) Dimethylphthalate	14.06	163	606341	21.20	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	130678	21.65	ng/ul#	85
47) Acenaphthylene	14.34	152	778589	20.83	ng/ul	99
48) 3-Nitroaniline	14.53	138	149520	23.54	ng/ul#	78
49) Acenaphthene	14.68	153	531991	20.46	ng/ul	97
50) 2,4-Dinitrophenol	14.75	184	65428m	21.20	ng/ul	
52) 4-Nitrophenol	14.86	109	57002m	18.46	ng/ul	
53) Dibenzofuran	15.01	168	715752	20.68	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	189607	21.95	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	109462	20.48	ng/ul#	78
56) Diethylphthalate	15.42	149	657909	21.98	ng/ul	98
58) Fluorene	15.66	166	591593	20.94	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	253279	20.57	ng/ul#	90
60) 4-Nitroaniline	15.68	138	155867	22.26	ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.75	198	95047	19.94	ng/ul#	94
64) N-Nitrosodiphenylamine	15.86	169	510534	20.61	ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	150687	20.04	ng/ul#	83
66) Hexachlorobenzene	16.67	284	157217	19.41	ng/ul#	86
67) Atrazine	16.81	200	167292	21.61	ng/ul#	92
68) Pentachlorophenol	17.02	266	74164	20.05	ng/ul	93
69) Phenanthrene	17.40	178	875631	20.63	ng/ul	99
71) Anthracene	17.49	178	905947	20.80	ng/ul	98
72) Carbazole	17.76	167	847131	23.00	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1099546	22.95	ng/ul#	96
74) Fluoranthene	19.40	202	912983	23.17	ng/ul#	80
77) Pyrene	19.76	202	927639	20.55	ng/ul#	73
78) Butylbenzylphthalate	20.63	149	495351	23.63	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.49	252	299421	23.15	ng/ul#	97
80) Benzo(a)anthracene	21.58	228	828561	21.06	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	704575	23.55	ng/ul#	97
82) Chrysene	21.65	228	753705	20.62	ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1229402	25.75	ng/ul	100
85) Benzo(b)fluoranthene	23.77	252	828098	20.86	ng/ul#	93
86) Benzo(k)fluoranthene	23.83	252	804194	20.62	ng/ul#	93
88) Benzo(a)pyrene	24.63	252	796685	20.39	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.39	276	951223	20.54	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.44	278	803904	20.47	ng/ul#	87
91) Benzo(g,h,i)perylene	29.51	276	783163	20.39	ng/ul#	79

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

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