

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082217\
 Data File : BG028412.D
 Acq On : 22 Aug 2017 10:37
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02078

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:01:52 PM

Quant Time: Aug 23 02:53:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 22 04:33:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	191907	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	144113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	417909	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	380965	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	369161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	7104	7.48	ng/uL	0.00
5) Phenol-d5	7.50	99	83259	17.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	51847	16.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	59413	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	69467	17.11	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	30867	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	35434	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	70986	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	83683	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	252526	19.70	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	282516	19.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	40156	19.70	ng/ul	0.00
57) Fluorene-d10	15.94	176	231147	20.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	49673	18.30	ng/ul	0.00
70) Anthracene-d10	17.80	188	399820	19.95	ng/ul	0.00
76) Pyrene-d10	20.07	212	402114	20.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	340885	19.72	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.86	88	8359	8.379	ng/uL# 94
4) Benzaldehyde	7.48	77	53140	18.929	ng/ul 94
6) Phenol	7.52	94	84386	17.479	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.75	93	59053	17.956	ng/ul 95
10) 2-Chlorophenol	7.91	128	57578	19.281	ng/ul 93
11) 2-Methylphenol	8.78	108	58365	17.127	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.86	45	121590	15.231	ng/ul 96
14) Acetophenone	9.16	105	100353	17.331	ng/ul# 92
15) N-Nitroso-di-n-propylamine	9.13	70	55176	16.766	ng/ul# 96
16) 4-Methylphenol	9.11	108	66203	17.205	ng/ul 98
17) Hexachloroethane	9.43	117	24996	20.199	ng/ul# 91
20) Nitrobenzene	9.55	77	86762	19.973	ng/ul 98
21) Isophorone	10.07	82	153140	18.556	ng/ul 98
23) 2-Nitrophenol	10.26	139	34806	20.955	ng/ul 84
24) 2,4-Dimethylphenol	10.32	107	80385	19.471	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.54	93	84250	18.741	ng/ul 95
27) 2,4-Dichlorophenol	10.80	162	62812	20.269	ng/ul 92
28) Naphthalene	11.21	128	192402	20.243	ng/ul 99
30) 4-Chloroaniline	11.32	127	81551	22.202	ng/ul 93
31) Hexachlorobutadiene	11.49	225	51001	22.296	ng/ul 94
32) Caprolactam	12.07	113	28275	21.942	ng/ul 89
33) 4-Chloro-3-methylphenol	12.42	107	81405	20.580	ng/ul 98
34) 2-Methylnaphthalene	12.80	142	150452	19.707	ng/ul 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	98274	21.156	ng/ul	91
37) Hexachlorocyclopentadiene	13.13	237	42166	16.451	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.39	196	68021	23.494	ng/ul	95
39) 2,4,5-Trichlorophenol	13.47	196	69887	22.146	ng/ul	96
40) 1,1'-Biphenyl	13.78	154	204409	19.421	ng/ul	100
41) 2-Chloronaphthalene	13.84	162	160539	19.301	ng/ul	96
42) 2-Nitroaniline	14.04	65	70094	20.099	ng/ul	91
44) Dimethylphthalate	14.39	163	224509	19.023	ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	52046	21.359	ng/ul#	91
47) Acenaphthylene	14.68	152	268742	19.459	ng/ul	96
48) 3-Nitroaniline	14.85	138	47674	21.728	ng/ul#	98
49) Acenaphthene	15.02	153	182643	19.600	ng/ul	97
50) 2,4-Dinitrophenol	15.06	184	25969	18.915	ng/ul#	81
52) 4-Nitrophenol	15.16	109	39742	18.820	ng/ul#	69
53) Dibenzofuran	15.35	168	274809	20.227	ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	81245	22.001	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.57	232	70257	23.905	ng/ul#	93
56) Diethylphthalate	15.74	149	268478	19.391	ng/ul	99
58) Fluorene	16.00	166	244496	20.327	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.98	204	131436	20.367	ng/ul#	82
60) 4-Nitroaniline	16.02	138	49696	19.091	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	16.07	198	52358	19.020	ng/ul#	93
64) N-Nitrosodiphenylamine	16.19	169	209518	19.057	ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	94297	20.994	ng/ul	83
66) Hexachlorobenzene	17.01	284	100085	20.931	ng/ul	93
67) Atrazine	17.13	200	103820	21.659	ng/ul	96
68) Pentachlorophenol	17.35	266	45873	18.940	ng/ul	96
69) Phenanthrene	17.74	178	419168	19.931	ng/ul	98
71) Anthracene	17.83	178	436630	20.313	ng/ul	97
72) Carbazole	18.10	167	354298	18.953	ng/ul	96
73) Di-n-butylphthalate	18.63	149	478414	20.558	ng/ul#	97
74) Fluoranthene	19.74	202	473806	18.537	ng/ul	98
77) Pyrene	20.10	202	465061	20.461	ng/ul	97
78) Butylbenzylphthalate	20.96	149	161018	18.910	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.91	252	154178	20.977	ng/ul#	97
80) Benzo(a)anthracene	22.01	228	433844	19.710	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	231134	19.087	ng/ul	99
82) Chrysene	22.08	228	387935	19.569	ng/ul	99
84) Di-n-octyl phthalate	23.17	149	403564	18.242	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	419178	18.975	ng/ul	97
86) Benzo(k)fluoranthene	24.48	252	426745m	19.776	ng/ul	
88) Benzo(a)pyrene	25.36	252	417533	19.521	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.53	276	489782	19.554	ng/ul	95
90) Dibenzo(a,h)anthracene	29.60	278	414617	19.749	ng/ul	92
91) Benzo(g,h,i)perylene	30.80	276	405602	19.684	ng/ul	98

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

