

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\
 Data File : BG026981.D
 Acq On : 16 May 2017 16:50
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02090

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:42:46 PM

Quant Time: May 17 04:04:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:49:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	155889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	750183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	409663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	779379	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	701382	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	709960	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	28523	8.24	ng/uL	0.00
5) Phenol-d5	7.18	99	309275	22.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	173961	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	249707	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	248401	21.51	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	123570	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	142121	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	229135	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	313847	21.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	663317	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	876663	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	92250	15.52	ng/ul	0.00
57) Fluorene-d10	15.60	176	581447	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	84460	17.85	ng/ul	0.00
70) Anthracene-d10	17.45	188	787148	20.81	ng/ul	0.00
76) Pyrene-d10	19.73	212	761054	20.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	713777	21.26	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	30218m	7.65	ng/uL
4) Benzaldehyde	7.14	77	142311m	21.17	ng/ul
6) Phenol	7.21	94	318002	22.55	ng/ul# 76
8) Bis(2-Chloroethyl)ether	7.42	93	228386	20.98	ng/ul 93
10) 2-Chlorophenol	7.58	128	245104	21.09	ng/ul# 82
11) 2-Methylphenol	8.45	108	241685	21.65	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	257560	22.67	ng/ul# 86
14) Acetophenone	8.82	105	365040	21.52	ng/ul# 74
15) N-Nitroso-di-n-propylamine	8.80	70	171448	20.49	ng/ul# 73
16) 4-Methylphenol	8.78	108	266670	21.85	ng/ul 95
17) Hexachloroethane	9.09	117	85773	19.62	ng/ul# 74
20) Nitrobenzene	9.20	77	254307	21.02	ng/ul# 76
21) Isophorone	9.72	82	477219	20.54	ng/ul# 92
23) 2-Nitrophenol	9.92	139	147654	20.59	ng/ul# 59
24) 2,4-Dimethylphenol	9.98	107	272727m	20.86	ng/ul
25) Bis(2-Chloroethoxy)methane	10.20	93	321951	20.29	ng/ul 94
27) 2,4-Dichlorophenol	10.46	162	230138	21.30	ng/ul 96
28) Naphthalene	10.86	128	801660	20.53	ng/ul 98
30) 4-Chloroaniline	10.96	127	299131	21.86	ng/ul 93
31) Hexachlorobutadiene	11.14	225	110035	20.13	ng/ul 90
32) Caprolactam	11.71	113	83350	20.64	ng/ul# 64
33) 4-Chloro-3-methylphenol	12.09	107	264305	22.55	ng/ul 86
34) 2-Methylnaphthalene	12.45	142	587881	20.29	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	221658	20.52	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	90574	19.03	ng/ul	90
38) 2,4,6-Trichlorophenol	13.06	196	153381	20.64	ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	154467	20.11	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	707466	20.54	ng/ul	99
41) 2-Chloronaphthalene	13.50	162	536888	20.74	ng/ul	95
42) 2-Nitroaniline	13.70	65	168525	22.78	ng/ul#	77
44) Dimethylphthalate	14.06	163	647622	20.06	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	139235	20.44	ng/ul#	82
47) Acenaphthylene	14.34	152	883050	20.93	ng/ul	100
48) 3-Nitroaniline	14.52	138	151485	21.13	ng/ul#	78
49) Acenaphthene	14.68	153	595782	20.30	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	78719m	22.60	ng/ul	
52) 4-Nitrophenol	14.85	109	52806	15.15	ng/ul#	28
53) Dibenzofuran	15.02	168	792373	20.28	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	198176	20.33	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.24	232	110394	18.29	ng/ul#	72
56) Diethylphthalate	15.42	149	690161	20.43	ng/ul	99
58) Fluorene	15.66	166	642404	20.15	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.64	204	281651	20.26	ng/ul	93
60) 4-Nitroaniline	15.68	138	153768	19.46	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.75	198	88827	18.02	ng/ul#	90
64) N-Nitrosodiphenylamine	15.86	169	544825	21.27	ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	165019	21.22	ng/ul#	87
66) Hexachlorobenzene	16.67	284	171810	20.51	ng/ul#	89
67) Atrazine	16.80	200	169249	21.14	ng/ul#	92
68) Pentachlorophenol	17.01	266	58839	15.38	ng/ul	91
69) Phenanthrene	17.39	178	902649	20.56	ng/ul	100
71) Anthracene	17.48	178	937266	20.81	ng/ul	99
72) Carbazole	17.75	167	856174	22.48	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1085337	21.90	ng/ul#	96
74) Fluoranthene	19.40	202	923625	22.66	ng/ul#	79
77) Pyrene	19.76	202	949278	20.17	ng/ul#	78
78) Butylbenzylphthalate	20.63	149	495118	22.65	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.49	252	306000	22.69	ng/ul#	89
80) Benzo(a)anthracene	21.58	228	861585	21.00	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	712636	22.85	ng/ul#	98
82) Chrysene	21.64	228	796755	20.91	ng/ul	98
84) Di-n-octyl phthalate	22.65	149	1236564	25.35	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	847620	20.89	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	894156	22.43	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	855065	21.42	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	855410	18.07	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.42	278	752428	18.75	ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	635662	16.19	ng/ul#	83

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

