

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023752.D
 Acq On : 18 Aug 2016 9:49
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

Manual Integrations
 APPROVED

sohil
 8/19/2016 6:34:58 PM

Quant Time: Aug 18 10:28:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	86194	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.93	136	396288	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.77	164	275133	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.53	188	689691	20.00	ng/ul	-0.02
75) Chrysene-d12	21.85	240	752774	20.00	ng/ul	-0.03
83) Perylene-d12	25.23	264	744271	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	17316	8.54	ng/uL	-0.02
5) Phenol-d5	7.25	99	170671	19.66	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	117980	21.21	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.63	132	126745	21.40	ng/ul	-0.02
13) 4-Methylphenol-d8	8.81	113	140625	20.75	ng/ul	-0.02
19) Nitrobenzene-d5	9.28	128	63669	20.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.01	143	80717	22.50	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.55	165	142135	21.00	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.07	131	186221	23.46	ng/ul	-0.02
43) Dimethylphthalate-d6	14.16	166	491088	21.80	ng/ul	-0.02
46) Acenaphthylene-d8	14.46	160	541033	21.34	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.99	143	84477	21.97	ng/ul	0.00
57) Fluorene-d10	15.77	176	422270	20.29	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.90	200	42366m	9.57	ng/ul	-0.02
70) Anthracene-d10	17.63	188	660752	21.26	ng/ul	-0.02
76) Pyrene-d10	19.92	212	765500	20.09	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.00	264	702682	20.86	ng/ul	-0.05

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.50	88	17620	8.28	ng/uL#	94
4) Benzaldehyde	7.23	77	116977	22.10	ng/ul#	80
6) Phenol	7.28	94	180413	19.95	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.50	93	138536	21.10	ng/ul#	84
10) 2-Chlorophenol	7.66	128	125944	20.87	ng/ul#	87
11) 2-Methylphenol	8.54	108	135160	19.85	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.63	45	200303	22.30	ng/ul	99
14) Acetophenone	8.92	105	228215	20.99	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.91	70	140355	21.46	ng/ul#	86
16) 4-Methylphenol	8.88	108	148980	19.52	ng/ul	99
17) Hexachloroethane	9.18	117	55160	21.19	ng/ul#	85
20) Nitrobenzene	9.32	77	194803	21.28	ng/ul#	84
21) Isophorone	9.84	82	380050	22.57	ng/ul#	93
23) 2-Nitrophenol	10.04	139	85112	21.97	ng/ul#	54
24) 2,4-Dimethylphenol	10.09	107	179965	21.18	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.32	93	206319	21.24	ng/ul	96
27) 2,4-Dichlorophenol	10.58	162	138829	20.34	ng/ul	97
28) Naphthalene	10.98	128	419203	20.84	ng/ul	98
30) 4-Chloroaniline	11.10	127	180727	22.94	ng/ul	100
31) Hexachlorobutadiene	11.26	225	96452	21.22	ng/ul	100
32) Caprolactam	11.87	113	63187	22.30	ng/ul#	48
33) 4-Chloro-3-methylphenol	12.23	107	180130	20.51	ng/ul#	83
34) 2-Methylnaphthalene	12.59	142	333273	20.43	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	183361	21.71	ng/ul	98
37) Hexachlorocyclopentadiene	12.93	237	64505	13.81	ng/ul	97
38) 2,4,6-Trichlorophenol	13.20	196	133725	22.86	ng/ul	95
39) 2,4,5-Trichlorophenol	13.28	196	136309	21.73	ng/ul	95
40) 1,1'-Biphenyl	13.59	154	447233	22.12	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	339589	21.60	ng/ul	95
42) 2-Nitroaniline	13.85	65	145198	22.62	ng/ul#	63
44) Dimethylphthalate	14.21	163	485445	21.76	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	103036	21.31	ng/ul#	83
47) Acenaphthylene	14.49	152	567245	21.39	ng/ul	99
48) 3-Nitroaniline	14.68	138	105375	23.18	ng/ul#	57
49) Acenaphthene	14.83	153	378866	20.97	ng/ul	95
50) 2,4-Dinitrophenol	14.91	184	5249m	1.76	ng/ul	
52) 4-Nitrophenol	15.01	109	82906	21.52	ng/ul#	74
53) Dibenzofuran	15.17	168	559665	20.91	ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	154370	21.07	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.40	232	140046	21.74	ng/ul#	95
56) Diethylphthalate	15.57	149	515811	22.12	ng/ul	96
58) Fluorene	15.82	166	450088	20.18	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	226808	20.22	ng/ul	95
60) 4-Nitroaniline	15.85	138	115236	21.85	ng/ul#	57
63) 4,6-Dinitro-2-methylphenol	15.92	198	42901m	9.24	ng/ul	
64) N-Nitrosodiphenylamine	16.03	169	420726	21.83	ng/ul	93
65) 4-Bromophenyl-phenylether	16.71	248	157884	19.96	ng/ul	95
66) Hexachlorobenzene	16.84	284	169948	20.17	ng/ul	97
67) Atrazine	16.98	200	191413	24.04	ng/ul	97
68) Pentachlorophenol	17.20	266	33347	7.17	ng/ul	85
69) Phenanthrene	17.58	178	760157	21.28	ng/ul	97
71) Anthracene	17.67	178	793102	21.76	ng/ul	99
72) Carbazole	17.94	167	721891	24.58	ng/ul	97
73) Di-n-butylphthalate	18.48	149	922607	25.08	ng/ul#	96
74) Fluoranthene	19.59	202	948067	25.93	ng/ul#	92
77) Pyrene	19.95	202	961396m	20.66	ng/ul	
78) Butylbenzylphthalate	20.83	149	418067	23.42	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.74	252	322363	24.30	ng/ul#	98
80) Benzo(a)anthracene	21.82	228	898196	21.19	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	586477	24.71	ng/ul#	98
82) Chrysene	21.90	228	809195	20.99	ng/ul	94
84) Di-n-octyl phthalate	22.96	149	994906	26.47	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	904574	21.37	ng/ul#	94
86) Benzo(k)fluoranthene	24.22	252	848303	20.35	ng/ul#	92
88) Benzo(a)pyrene	25.07	252	858871	21.01	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.12	276	998767	20.80	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.18	278	857258m	20.93	ng/ul	
91) Benzo(g,h,i)perylene	30.34	276	829200	20.82	ng/ul#	81

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

