

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023552.D
 Acq On : 9 Aug 2016 2:52
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02017

Manual Integrations
 APPROVED

sohil
 8/9/2016 6:20:36 PM

Quant Time: Aug 09 06:03:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	142002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	675545	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	498117	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1206785	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1197780	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1188748	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	23926	7.16	ng/uL	0.00
5) Phenol-d5	7.27	99	300325	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	189440	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	212291	21.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	241070	21.59	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	113307	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	132406	21.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	250225	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	321288	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	835462	20.49	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	985331	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	133085	19.12	ng/ul	0.00
57) Fluorene-d10	15.77	176	776209	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	167962	21.69	ng/ul	0.00
70) Anthracene-d10	17.64	188	1181154	21.72	ng/ul	0.00
76) Pyrene-d10	19.93	212	1290460	21.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1139169	21.17	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.52	88	26548	7.58 ng/uL#	59
4) Benzaldehyde	7.24	77	197528	22.65 ng/ul	83
6) Phenol	7.30	94	315927m	21.21 ng/ul	
8) Bis(2-Chloroethyl)ether	7.53	93	232130	21.47 ng/ul	88
10) 2-Chlorophenol	7.68	128	205665	20.69 ng/ul#	85
11) 2-Methylphenol	8.56	108	240312	21.42 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	314031	21.22 ng/ul	97
14) Acetophenone	8.95	105	379394	21.18 ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.92	70	229784	21.32 ng/ul#	88
16) 4-Methylphenol	8.89	108	269002	21.39 ng/ul	98
17) Hexachloroethane	9.21	117	87650	20.44 ng/ul#	85
20) Nitrobenzene	9.34	77	321460	20.59 ng/ul#	85
21) Isophorone	9.86	82	607106	21.15 ng/ul	94
23) 2-Nitrophenol	10.05	139	142465	21.58 ng/ul#	64
24) 2,4-Dimethylphenol	10.10	107	310106	21.41 ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.34	93	343239	20.73 ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	245872	21.14 ng/ul	97
28) Naphthalene	11.00	128	720812	21.02 ng/ul	99
30) 4-Chloroaniline	11.11	127	312830	23.29 ng/ul	97
31) Hexachlorobutadiene	11.27	225	162945	21.03 ng/ul	92
32) Caprolactam	11.88	113	99539	20.60 ng/ul#	50
33) 4-Chloro-3-methylphenol	12.23	107	320683	21.42 ng/ul#	82
34) 2-Methylnaphthalene	12.60	142	591625	21.28 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	328585	21.49	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	173149	20.47	ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	232522	21.95	ng/ul	98
39) 2,4,5-Trichlorophenol	13.29	196	240953	21.22	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	773364	21.13	ng/ul	98
41) 2-Chloronaphthalene	13.65	162	605036	21.26	ng/ul	97
42) 2-Nitroaniline	13.86	65	254290	21.88	ng/ul#	68
44) Dimethylphthalate	14.22	163	835579	20.69	ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	184274	21.05	ng/ul#	82
47) Acenaphthylene	14.50	152	1025341	21.36	ng/ul	99
48) 3-Nitroaniline	14.69	138	185474	22.53	ng/ul#	68
49) Acenaphthene	14.85	153	686841	21.00	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	112209	20.77	ng/ul#	78
52) 4-Nitrophenol	15.01	109	141130m	20.24	ng/ul	
53) Dibenzofuran	15.18	168	1015760	20.96	ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	282941	21.33	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.41	232	243790	20.90	ng/ul	98
56) Diethylphthalate	15.59	149	865576	20.51	ng/ul	97
58) Fluorene	15.83	166	824850	20.43	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	419066	20.63	ng/ul	97
60) 4-Nitroaniline	15.86	138	205446	21.52	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	15.91	198	182275	22.43	ng/ul#	90
64) N-Nitrosodiphenylamine	16.03	169	760829	22.56	ng/ul	95
65) 4-Bromophenyl-phenylether	16.72	248	301169	21.76	ng/ul	93
66) Hexachlorobenzene	16.84	284	327851	22.24	ng/ul	94
67) Atrazine	16.98	200	314336	22.57	ng/ul	97
68) Pentachlorophenol	17.19	266	170064	20.91	ng/ul	90
69) Phenanthrene	17.58	178	1360365	21.77	ng/ul	96
71) Anthracene	17.68	178	1390267	21.80	ng/ul	97
72) Carbazole	17.95	167	1220902	23.76	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1469842	22.84	ng/ul#	96
74) Fluoranthene	19.59	202	1567424	24.50	ng/ul	95
77) Pyrene	19.96	202	1564910	21.13	ng/ul	96
78) Butylbenzylphthalate	20.83	149	652161	22.96	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.74	252	489191	23.18	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	1448001	21.47	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.71	149	881072	23.33	ng/ul#	96
82) Chrysene	21.90	228	1324238	21.59	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1448836	24.13	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1443682m	21.35	ng/ul	
86) Benzo(k)fluoranthene	24.22	252	1398792	21.01	ng/ul#	90
88) Benzo(a)pyrene	25.07	252	1394933	21.37	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.09	276	1633128	21.29	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.16	278	1377038	21.05	ng/ul#	89
91) Benzo(g,h,i)perylene	30.30	276	1304876	20.52	ng/ul#	85

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

