

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021872.D
 Acq On : 12 May 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02020

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:11:44 PM

Quant Time: May 13 06:05:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	56257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	289582	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	184893	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	402547	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	388902	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	390387	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	7114	6.10	ng/uL	0.00
5) Phenol-d5	7.32	99	91190	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	44800	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	82707	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	83885	23.92	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	42756	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	52993	44.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	95966	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	120242m	32.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	283461	21.83	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	371061	20.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	48652	21.86	ng/ul	0.00
58) Fluorene-d10	15.78	176	268882	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	6814	6.11	ng/ul	0.00
71) Anthracene-d10	17.64	188	375058	19.14	ng/ul	0.00
77) Pyrene-d10	19.91	212	377730	20.75	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	362390	19.54	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	16273m	7.53	ng/uL	
4) Benzaldehyde	7.31	77	50795m	111.94	ng/ul	
6) Phenol	7.35	94	93961	21.16	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.59	93	72232m	19.98	ng/ul	
10) 2-Chlorophenol	7.73	128	84469	25.86	ng/ul#	77
11) 2-Methylphenol	8.61	108	77729	22.26	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.70	45	66716	21.03	ng/ul#	87
14) Acetophenone	9.00	105	119485	20.68	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.98	70	56291	21.57	ng/ul#	72
16) 4-Methylphenol	8.94	108	87253	22.63	ng/ul	81
17) Hexachloroethane	9.26	117	28795	19.90	ng/ul	92
20) Nitrobenzene	9.38	77	74682	20.29	ng/ul#	68
21) Isophorone	9.91	82	179092	20.95	ng/ul#	89
23) 2-Nitrophenol	10.10	139	56771	39.13	ng/ul#	57
24) 2,4-Dimethylphenol	10.15	107	88039	24.25	ng/ul#	70
25) Bis(2-Chloroethoxy)methane	10.38	93	106669	20.78	ng/ul#	98
27) 2,4-Dichlorophenol	10.64	162	93470	26.98	ng/ul#	93
28) Naphthalene	11.04	128	291824	20.09	ng/ul	98
30) 4-Chloroaniline	11.15	127	116313	31.37	ng/ul	97
31) Hexachlorobutadiene	11.32	225	47006	20.09	ng/ul	98
32) Caprolactam	11.91	113	34891	23.81	ng/ul#	42
33) 4-Chloro-3-methylphenol	12.26	107	91702	26.18	ng/ul#	69
34) 2-Methylnaphthalene	12.64	142	224222	20.97	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	220148	20.76	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	111040	21.66	ng/ul#	93
38) Hexachlorocyclopentadiene	12.97	237	48623	18.65	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.23	196	80476	32.88	ng/ul	98
40) 2,4,5-Trichlorophenol	13.31	196	87129	25.42	ng/ul	94
41) 1,1'-Biphenyl	13.63	154	292680	20.32	ng/ul	98
42) 2-Chloronaphthalene	13.68	162	223291	20.45	ng/ul	94
43) 2-Nitroaniline	13.88	65	44037	24.51	ng/ul#	20
45) Dimethylphthalate	14.24	163	285624	21.59	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	62664	24.00	ng/ul#	62
48) Acenaphthylene	14.52	152	389452	20.58	ng/ul	99
49) 3-Nitroaniline	14.70	138	69731m	23.56	ng/ul	
50) Acenaphthene	14.86	153	261345	19.91	ng/ul	98
51) 2,4-Dinitrophenol	14.91	184	673m	1.14	ng/ul	
53) 4-Nitrophenol	15.00	109	20310	20.02	ng/ul#	25
54) Dibenzofuran	15.20	168	346324	19.68	ng/ul#	81
55) 2,4-Dinitrotoluene	15.15	165	83212	23.02	ng/ul#	53
56) 2,3,4,6-Tetrachlorophenol	15.42	232	51513	21.28	ng/ul#	86
57) Diethylphthalate	15.59	149	285865	22.16	ng/ul	97
59) Fluorene	15.84	166	296170	19.46	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.83	204	139743	20.35	ng/ul#	87
61) 4-Nitroaniline	15.86	138	65386m	19.34	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.92	198	6455	5.31	ng/ul#	78
65) N-Nitrosodiphenylamine	16.04	169	248853	21.17	ng/ul	93
66) 4-Bromophenyl-phenylether	16.72	248	88932m	21.10	ng/ul	
67) Hexachlorobenzene	16.85	284	104955	21.61	ng/ul#	79
68) Atrazine	16.98	200	87223	25.83	ng/ul	95
69) Pentachlorophenol	17.19	266	14765m	7.96	ng/ul	
70) Phenanthrene	17.58	178	447937	20.35	ng/ul	98
72) Anthracene	17.67	178	450676	20.16	ng/ul	99
73) Carbazole	17.94	167	396303	20.45	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	484003	27.48	ng/ul#	96
75) Fluoranthene	19.58	202	470374	18.81	ng/ul	95
78) Pyrene	19.94	202	479590m	21.32	ng/ul	
79) Butylbenzylphthalate	20.82	149	203539	40.92	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.71	252	172810	26.90	ng/ul	97
81) Benzo(a)anthracene	21.81	228	453363	20.95	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.69	149	304224	37.47	ng/ul	97
83) Chrysene	21.88	228	419903	19.61	ng/ul	97
85) Di-n-octyl phthalate	22.94	149	531945	33.05	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	454516	20.34	ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	443992	18.56	ng/ul#	96
89) Benzo(a)pyrene	25.01	252	438038	19.69	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.98	276	551682m	20.93	ng/ul	
91) Dibenzo(a,h)anthracene	29.06	278	452786	20.64	ng/ul	96
92) Benzo(g,h,i)perylene	30.19	276	446050	20.50	ng/ul#	91

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

