

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023492.D
 Acq On : 5 Aug 2016 17:48
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

Manual Integrations
 APPROVED

sohil
 8/8/2016 6:56:16 PM

Quant Time: Aug 06 01:11:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 02:24:23 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	119232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	578276	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	405053	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	980922	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	995479	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	963616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	19336	6.89	ng/uL	0.00
5) Phenol-d5	7.27	99	254134	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	167744	21.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	174040	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	200393	21.37	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	91649	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	114657	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	210257	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	261385	22.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	698834	21.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	799626	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	111425	19.68	ng/ul	0.00
57) Fluorene-d10	15.78	176	621259	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134524	21.38	ng/ul	0.00
70) Anthracene-d10	17.64	188	961799	21.76	ng/ul	0.00
76) Pyrene-d10	19.93	212	1064021	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	949097	21.76	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	25258	8.58	ng/uL#	90
4) Benzaldehyde	7.25	77	172782	23.60	ng/ul#	82
6) Phenol	7.30	94	263971	21.10	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.53	93	197372	21.74	ng/ul#	86
10) 2-Chlorophenol	7.68	128	177313	21.25	ng/ul#	84
11) 2-Methylphenol	8.56	108	199905	21.22	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.65	45	275984	22.21	ng/ul	99
14) Acetophenone	8.94	105	335820	22.33	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.93	70	198544	21.94	ng/ul#	85
16) 4-Methylphenol	8.89	108	226671	21.47	ng/ul	97
17) Hexachloroethane	9.21	117	75880	21.07	ng/ul#	85
20) Nitrobenzene	9.34	77	271654	20.33	ng/ul#	85
21) Isophorone	9.85	82	518661	21.11	ng/ul#	93
23) 2-Nitrophenol	10.05	139	118149	20.90	ng/ul#	64
24) 2,4-Dimethylphenol	10.11	107	257816	20.79	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.34	93	290011	20.46	ng/ul	99
27) 2,4-Dichlorophenol	10.59	162	201364	20.22	ng/ul	96
28) Naphthalene	11.00	128	617867	21.05	ng/ul	98
30) 4-Chloroaniline	11.11	127	257605	22.40	ng/ul	100
31) Hexachlorobutadiene	11.28	225	137297	20.70	ng/ul	94
32) Caprolactam	11.86	113	81323m	19.66	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	254127	19.83	ng/ul	86
34) 2-Methylnaphthalene	12.60	142	483509	20.31	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	276303	22.22	ng/ul#	96
37) Hexachlorocyclopentadiene	12.94	237	142157	20.67	ng/ul	96
38) 2,4,6-Trichlorophenol	13.21	196	184371	21.40	ng/ul	93
39) 2,4,5-Trichlorophenol	13.29	196	192450	20.84	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	647472	21.75	ng/ul	99
41) 2-Chloronaphthalene	13.66	162	501536	21.67	ng/ul	97
42) 2-Nitroaniline	13.86	65	199388	21.10	ng/ul#	69
44) Dimethylphthalate	14.23	163	682548	20.78	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	148877	20.91	ng/ul#	88
47) Acenaphthylene	14.51	152	834269	21.37	ng/ul	98
48) 3-Nitroaniline	14.69	138	141704	21.17	ng/ul#	55
49) Acenaphthene	14.85	153	554871	20.86	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	78838m	17.95	ng/ul	
52) 4-Nitrophenol	15.00	109	111353	19.64	ng/ul#	74
53) Dibenzofuran	15.18	168	822491	20.87	ng/ul	89
54) 2,4-Dinitrotoluene	15.15	165	215094	19.94	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.41	232	184732	19.48	ng/ul#	95
56) Diethylphthalate	15.59	149	703578	20.50	ng/ul	94
58) Fluorene	15.83	166	675182	20.56	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	342385	20.73	ng/ul	99
60) 4-Nitroaniline	15.86	138	162782m	20.97	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	136771	20.70	ng/ul#	77
64) N-Nitrosodiphenylamine	16.03	169	604685	22.06	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	235595	20.94	ng/ul	95
66) Hexachlorobenzene	16.84	284	264442	22.07	ng/ul	94
67) Atrazine	16.99	200	248518	21.95	ng/ul	98
68) Pentachlorophenol	17.19	266	132633	20.06	ng/ul	93
69) Phenanthrene	17.59	178	1103345	21.72	ng/ul	98
71) Anthracene	17.68	178	1143774	22.07	ng/ul	98
72) Carbazole	17.95	167	1002166	23.99	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1188784	22.72	ng/ul#	94
74) Fluoranthene	19.60	202	1311483	25.22	ng/ul#	92
77) Pyrene	19.96	202	1317865	21.41	ng/ul	94
78) Butylbenzylphthalate	20.83	149	534892	22.66	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.74	252	400980	22.86	ng/ul#	98
80) Benzo(a)anthracene	21.84	228	1212308	21.62	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.71	149	713600	22.74	ng/ul#	96
82) Chrysene	21.91	228	1111138	21.80	ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1189829	24.45	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1187325	21.66	ng/ul#	93
86) Benzo(k)fluoranthene	24.22	252	1174528	21.77	ng/ul#	91
88) Benzo(a)pyrene	25.08	252	1130513	21.36	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.10	276	1326104	21.33	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.16	278	1125898	21.23	ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1099370m	21.32	ng/ul	

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

