

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022778.D
 Acq On : 2 Jul 2016 4:27
 Operator : UM/SJ
 Sample : SSTDCCC020EC

Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SSTD02012

Manual Integrations

sohil
 7/4/2016 1:32:03 PM

Quant Time: Jul 02 05:18:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	109297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	475829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	356159	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	881175	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1015423	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1038206	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	18828	9.63	ng/uL	0.00
5) Phenol-d5	7.31	99	201693	17.54	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	130882	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	143961	18.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	164126	18.38	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	74342	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	89920	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	180340	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	165989	20.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	578002	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	661765	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	94020	20.70	ng/ul	0.00
57) Fluorene-d10	15.80	176	555332	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	106168	18.73	ng/ul	0.00
70) Anthracene-d10	17.66	188	839971	20.51	ng/ul	0.00
76) Pyrene-d10	19.94	212	996328	20.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	991130	20.09	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	20321	8.87 ng/uL#	77
4) Benzaldehyde	7.29	77	152553	20.87 ng/ul#	79
6) Phenol	7.34	94	214253	18.19 ng/ul#	66
8) Bis(2-Chloroethyl) ether	7.57	93	165630	20.57 ng/ul	90
10) 2-Chlorophenol	7.72	128	152040	19.46 ng/ul#	85
11) 2-Methylphenol	8.61	108	158851	17.96 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.69	45	181703	20.07 ng/ul#	92
14) Acetophenone	8.99	105	274762	19.05 ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.96	70	157448	18.17 ng/ul#	79
16) 4-Methylphenol	8.93	108	183808	18.69 ng/ul	93
17) Hexachloroethane	9.26	117	72543	21.81 ng/ul#	85
20) Nitrobenzene	9.37	77	231677	19.86 ng/ul#	85
21) Isophorone	9.90	82	404041	19.41 ng/ul#	89
23) 2-Nitrophenol	10.09	139	93141	19.18 ng/ul#	38
24) 2,4-Dimethylphenol	10.14	107	219921	18.92 ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.38	93	236230	19.24 ng/ul#	96
27) 2,4-Dichlorophenol	10.63	162	179608	18.67 ng/ul	99
28) Naphthalene	11.04	128	479297	19.70 ng/ul	96
30) 4-Chloroaniline	11.14	127	163652	19.77 ng/ul	92
31) Hexachlorobutadiene	11.32	225	154667	20.87 ng/ul	95
32) Caprolactam	11.90	113	61527	19.17 ng/ul#	60
33) 4-Chloro-3-methylphenol	12.26	107	219751	18.06 ng/ul	88
34) 2-Methylnaphthalene	12.64	142	393639	19.55 ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	269403	20.24	ng/ul	98
37) Hexachlorocyclopentadiene	12.98	237	168054	20.91	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	185433	20.19	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	189833	19.65	ng/ul	97
40) 1,1'-Biphenyl	13.63	154	547109	20.20	ng/ul	96
41) 2-Chloronaphthalene	13.68	162	435064	19.84	ng/ul	96
42) 2-Nitroaniline	13.89	65	164300	19.37	ng/ul#	64
44) Dimethylphthalate	14.25	163	582083	19.70	ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	125456	19.61	ng/ul#	86
47) Acenaphthylene	14.53	152	656973	19.68	ng/ul	98
48) 3-Nitroaniline	14.70	138	99965	20.00	ng/ul#	51
49) Acenaphthene	14.87	153	450526	19.86	ng/ul	95
50) 2,4-Dinitrophenol	14.92	184	67925	19.11	ng/ul	90
52) 4-Nitrophenol	15.01	109	115300	19.96	ng/ul#	64
53) Dibenzofuran	15.20	168	708979	20.23	ng/ul	88
54) 2,4-Dinitrotoluene	15.16	165	182619	19.74	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.43	232	195999	19.93	ng/ul#	93
56) Diethylphthalate	15.61	149	599318	19.96	ng/ul	94
58) Fluorene	15.85	166	562878	19.99	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.84	204	323476	19.18	ng/ul	99
60) 4-Nitroaniline	15.87	138	125257	20.86	ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.92	198	113555	18.91	ng/ul#	96
64) N-Nitrosodiphenylamine	16.06	169	528584	20.37	ng/ul	91
65) 4-Bromophenyl-phenylether	16.74	248	235357	19.97	ng/ul	93
66) Hexachlorobenzene	16.86	284	248858	19.94	ng/ul	93
67) Atrazine	17.00	200	235674	21.78	ng/ul	94
68) Pentachlorophenol	17.21	266	149629	20.86	ng/ul	90
69) Phenanthrene	17.60	178	951173	21.10	ng/ul	99
71) Anthracene	17.69	178	960322	20.73	ng/ul	98
72) Carbazole	17.96	167	803111	23.43	ng/ul	98
73) Di-n-butylphthalate	18.51	149	959044	21.80	ng/ul#	95
74) Fluoranthene	19.60	202	1157922	24.66	ng/ul#	87
77) Pyrene	19.97	202	1163992	20.48	ng/ul#	84
78) Butylbenzylphthalate	20.84	149	457935	20.77	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.75	252	442650	23.02	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	1259542	21.15	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	640169	22.50	ng/ul#	95
82) Chrysene	21.91	228	1137747	20.99	ng/ul	99
84) Di-n-octyl phthalate	22.99	149	1075005	23.49	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1308035	20.16	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	1223182	20.07	ng/ul#	88
88) Benzo(a)pyrene	25.07	252	1241405	20.14	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.08	276	1415712m	21.72	ng/ul	
90) Dibenzo(a,h)anthracene	29.16	278	1193231m	22.15	ng/ul	
91) Benzo(g,h,i)perylene	30.30	276	1170677	22.91	ng/ul#	78

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