

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
 Data File : BG023266.D
 Acq On : 26 Jul 2016 4:02
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc : MDL 4PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02013

Manual Integrations

APPROVED
 SOHIL
 7/26/2016 11:41:24 AM

Quant Time: Jul 26 04:46:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 04:24:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	158789	20.00	ng/ul	0.02
18) Naphthalene-d8	11.00	136	750022	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.82	164	517443	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.59	188	1183468	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	1165036	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1157822	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	29545	8.41	ng/uL	0.00
5) Phenol-d5	7.31	99	316560	19.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.47	67	222906	20.54	ng/ul	0.02
9) 2-Chlorophenol-d4	7.69	132	221631	20.16	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	247716	19.45	ng/ul	0.03
19) Nitrobenzene-d5	9.34	128	117136	19.52	ng/ul	0.02
22) 2-Nitrophenol-d4	10.07	143	131772	18.80	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.62	165	243832	18.51	ng/ul	0.02
29) 4-Chloroaniline-d4	11.13	131	342297	25.10	ng/ul	0.02
43) Dimethylphthalate-d6	14.22	166	808278	18.79	ng/ul	0.02
46) Acenaphthylene-d8	14.52	160	981178	20.07	ng/ul	0.02
51) 4-Nitrophenol-d4	15.03	143	128375	16.91	ng/ul	0.02
57) Fluorene-d10	15.82	176	746773	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	151302	18.58	ng/ul	0.02
70) Anthracene-d10	17.69	188	1124483	20.30	ng/ul	0.02
76) Pyrene-d10	19.97	212	1226351	20.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1086450	19.99	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	30253	8.05	ng/uL#	65
4) Benzaldehyde	7.29	77	230010	22.62	ng/ul#	77
6) Phenol	7.34	94	327713	19.24	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.57	93	270610	21.13	ng/ul#	86
10) 2-Chlorophenol	7.72	128	216120	19.13	ng/ul#	80
11) 2-Methylphenol	8.61	108	242585	19.28	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.70	45	372329	21.49	ng/ul	98
14) Acetophenone	9.00	105	422341	19.05	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.97	70	270835	18.52	ng/ul#	83
16) 4-Methylphenol	8.94	108	272251	19.43	ng/ul	95
17) Hexachloroethane	9.25	117	105833	19.79	ng/ul#	87
20) Nitrobenzene	9.38	77	369194	19.06	ng/ul#	82
21) Isophorone	9.91	82	677351	18.34	ng/ul	94
23) 2-Nitrophenol	10.10	139	145561	19.48	ng/ul#	60
24) 2,4-Dimethylphenol	10.16	107	326412	19.01	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.39	93	387937	18.99	ng/ul	97
27) 2,4-Dichlorophenol	10.65	162	256899	19.70	ng/ul#	89
28) Naphthalene	11.05	128	766498	20.32	ng/ul	98
30) 4-Chloroaniline	11.16	127	298529	21.18	ng/ul	98
31) Hexachlorobutadiene	11.33	225	191348	18.26	ng/ul	97
32) Caprolactam	11.91	113	96497m	17.85	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	302236	17.65	ng/ul	87
34) 2-Methylnaphthalene	12.65	142	623188	19.97	ng/ul	90

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36) 1,2,4,5-Tetrachlorobenzene	13.01	216	332175	19.24	ng/ul	97
37) Hexachlorocyclopentadiene	12.99	237	218657	19.47	ng/ul	98
38) 2,4,6-Trichlorophenol	13.26	196	228549	19.12	ng/ul	92
39) 2,4,5-Trichlorophenol	13.34	196	229575	18.82	ng/ul	96
40) 1,1'-Biphenyl	13.66	154	797090	20.54	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	638246	20.41	ng/ul	95
42) 2-Nitroaniline	13.91	65	264436	19.00	ng/ul#	56
44) Dimethylphthalate	14.27	163	816112	18.73	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	177749	18.79	ng/ul#	81
47) Acenaphthylene	14.55	152	1012700	20.45	ng/ul	98
48) 3-Nitroaniline	14.73	138	185141	22.92	ng/ul#	55
49) Acenaphthene	14.89	153	678804	20.28	ng/ul	93
50) 2,4-Dinitrophenol	14.94	184	98845	16.66	ng/ul#	81
52) 4-Nitrophenol	15.05	109	147192m	16.28	ng/ul	
53) Dibenzofuran	15.22	168	991296	20.08	ng/ul#	88
54) 2,4-Dinitrotoluene	15.18	165	260876	18.11	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.45	232	208331	16.91	ng/ul	95
56) Diethylphthalate	15.63	149	864703	18.65	ng/ul#	95
58) Fluorene	15.88	166	809702	19.89	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.86	204	421292	18.88	ng/ul	95
60) 4-Nitroaniline	15.90	138	199123	20.05	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.95	198	160688	18.66	ng/ul#	82
64) N-Nitrosodiphenylamine	16.08	169	713933	20.88	ng/ul	96
65) 4-Bromophenyl-phenylether	16.76	248	269283	19.78	ng/ul	94
66) Hexachlorobenzene	16.89	284	266266	19.09	ng/ul#	86
67) Atrazine	17.03	200	287503	19.72	ng/ul	98
68) Pentachlorophenol	17.23	266	157190	18.17	ng/ul	89
69) Phenanthrene	17.63	178	1263580	20.73	ng/ul	99
71) Anthracene	17.72	178	1326467	20.76	ng/ul	97
72) Carbazole	17.99	167	1123703	22.36	ng/ul#	97
73) Di-n-butylphthalate	18.53	149	1373118	19.70	ng/ul#	94
74) Fluoranthene	19.64	202	1452729	22.69	ng/ul#	92
77) Pyrene	20.00	202	1482067	20.92	ng/ul#	94
78) Butylbenzylphthalate	20.88	149	627657	20.40	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.80	252	480046	20.65	ng/ul#	98
80) Benzo(a)anthracene	21.89	228	1429353	20.67	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	887186	21.11	ng/ul	98
82) Chrysene	21.95	228	1309632	20.87	ng/ul	95
84) Di-n-octyl phthalate	23.04	149	1488552	23.20	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1440871	20.46	ng/ul#	95
86) Benzo(k)fluoranthene	24.30	252	1368903	20.51	ng/ul#	92
88) Benzo(a)pyrene	25.16	252	1372110	20.44	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.22	276	1502757	19.88	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.30	278	1274352	20.47	ng/ul#	91
91) Benzo(g,h,i)perylene	30.44	276	1254097	20.08	ng/ul#	86

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

