

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023207.D
 Acq On : 21 Jul 2016 3:55
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02008

Manual Integrations

sohil
 7/21/2016 1:51:22 PM

Quant Time: Jul 21 05:20:42 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	8.14	152	119701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	573701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	1037304m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1074198	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1067836	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	20090	7.59	ng/uL	0.00
5) Phenol-d5	7.29	99	248787	20.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	167965	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	163683	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	190596	19.85	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	90128	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	101440	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	200872	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	259694	24.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	714406	20.17	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	827336	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	126714	20.27	ng/ul	0.00
57) Fluorene-d10	15.81	176	653197	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	141143m	19.78	ng/ul	0.00
70) Anthracene-d10	17.67	188	1009198m	20.78	ng/ul	0.00
76) Pyrene-d10	19.96	212	1157302	20.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1009545	20.14	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.53	88	23881	8.43 ng/uL#	67
4) Benzaldehyde	7.26	77	191722	25.02 ng/ul	86
6) Phenol	7.31	94	262687	20.45 ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.55	93	195892	20.29 ng/ul#	84
10) 2-Chlorophenol	7.70	128	166121	19.50 ng/ul#	80
11) 2-Methylphenol	8.59	108	192050	20.24 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.67	45	269959	20.67 ng/ul	97
14) Acetophenone	8.97	105	346579	20.74 ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.94	70	222453	20.18 ng/ul#	82
16) 4-Methylphenol	8.91	108	217210	20.57 ng/ul	96
17) Hexachloroethane	9.24	117	81855	20.31 ng/ul	85
20) Nitrobenzene	9.36	77	296779	20.03 ng/ul#	77
21) Isophorone	9.88	82	575527	20.37 ng/ul#	92
23) 2-Nitrophenol	10.08	139	113160	19.80 ng/ul#	44
24) 2,4-Dimethylphenol	10.13	107	266617	20.30 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.37	93	318529	20.39 ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	201104m	20.16 ng/ul	
28) Naphthalene	11.02	128	587961	20.38 ng/ul	98
30) 4-Chloroaniline	11.14	127	271105	25.15 ng/ul	99
31) Hexachlorobutadiene	11.31	225	153696	19.17 ng/ul	95
32) Caprolactam	11.90	113	80753m	19.53 ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	275792	21.06 ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	491271	20.58 ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	289030	20.33	ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	178033	19.25	ng/ul	94
38) 2,4,6-Trichlorophenol	13.24	196	193515	19.66	ng/ul	94
39) 2,4,5-Trichlorophenol	13.32	196	196257	19.54	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	663624	20.76	ng/ul	94
41) 2-Chloronaphthalene	13.69	162	522724	20.29	ng/ul	97
42) 2-Nitroaniline	13.89	65	230360	20.10	ng/ul#	57
44) Dimethylphthalate	14.25	163	725942	20.23	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	158975	20.41	ng/ul#	85
47) Acenaphthylene	14.53	152	840958	20.62	ng/ul	99
48) 3-Nitroaniline	14.71	138	154823	23.28	ng/ul#	54
49) Acenaphthene	14.87	153	563444	20.44	ng/ul	96
50) 2,4-Dinitrophenol	14.93	184	90377	18.50	ng/ul#	71
52) 4-Nitrophenol	15.03	109	152864m	20.53	ng/ul	
53) Dibenzofuran	15.21	168	846390	20.82	ng/ul#	87
54) 2,4-Dinitrotoluene	15.17	165	227949	19.22	ng/ul#	60
55) 2,3,4,6-Tetrachlorophenol	15.44	232	197906	19.51	ng/ul#	93
56) Diethylphthalate	15.61	149	763967	20.01	ng/ul	97
58) Fluorene	15.86	166	673925	20.10	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	370460	20.17	ng/ul	98
60) 4-Nitroaniline	15.88	138	165898	20.29	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.94	198	152206m	20.17	ng/ul	
64) N-Nitrosodiphenylamine	16.07	169	629376	21.00	ng/ul	96
65) 4-Bromophenyl-phenylether	16.75	248	241422	20.23	ng/ul	92
66) Hexachlorobenzene	16.87	284	249618	20.42	ng/ul#	92
67) Atrazine	17.01	200	274539	21.48	ng/ul	98
68) Pentachlorophenol	17.22	266	139113	18.35	ng/ul	97
69) Phenanthrene	17.62	178	1114287m	20.85	ng/ul	
71) Anthracene	17.71	178	1178694	21.05	ng/ul	98
72) Carbazole	17.98	167	1005032	22.81	ng/ul	97
73) Di-n-butylphthalate	18.52	149	1262326	20.66	ng/ul#	95
74) Fluoranthene	19.63	202	1362055m	24.27	ng/ul	
77) Pyrene	19.99	202	1381608	21.16	ng/ul#	92
78) Butylbenzylphthalate	20.87	149	575660	20.30	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.78	252	489727	22.85	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	1322888	20.75	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	801095	20.67	ng/ul#	98
82) Chrysene	21.94	228	1212767	20.96	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	1359158	22.97	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1305050	20.09	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	1266729	20.58	ng/ul#	88
88) Benzo(a)pyrene	25.14	252	1269130m	20.50	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	1401291	20.10	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.26	278	1158923	20.18	ng/ul#	90
91) Benzo(g,h,i)perylene	30.41	276	1170677	20.32	ng/ul#	83

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

