

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025052.D
 Acq On : 10 Dec 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:21 PM

Quant Time: Dec 12 03:24:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	75602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	323056	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	262386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	594593	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	757509	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	704778	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	11810	8.07	ng/uL	0.00
5) Phenol-d5	7.38	99	134421	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	78606	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	98294	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	116077	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	51339	22.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59264	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	122091	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	127281	23.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	376781	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	437297	22.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65898	21.24	ng/ul	0.00
57) Fluorene-d10	15.85	176	370876	21.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	74782	20.34	ng/ul	0.00
70) Anthracene-d10	17.71	188	553891	22.07	ng/ul	0.00
76) Pyrene-d10	19.97	212	681215	21.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	667614	23.38	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	14217	7.46 ng/uL#	95
4) Benzaldehyde	7.38	77	102287	20.83 ng/ul	91
6) Phenol	7.42	94	144060	21.52 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.65	93	95101	19.41 ng/ul	94
10) 2-Chlorophenol	7.81	128	99604	21.72 ng/ul	89
11) 2-Methylphenol	8.68	108	101864	20.67 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.77	45	155555	18.67 ng/ul	96
14) Acetophenone	9.07	105	169160	20.39 ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.05	70	93738	19.57 ng/ul#	82
16) 4-Methylphenol	9.00	108	115956	21.15 ng/ul	95
17) Hexachloroethane	9.33	117	38150	18.78 ng/ul	92
20) Nitrobenzene	9.46	77	150525	21.41 ng/ul	99
21) Isophorone	9.98	82	242057	18.19 ng/ul	98
23) 2-Nitrophenol	10.18	139	66310	22.92 ng/ul	93
24) 2,4-Dimethylphenol	10.21	107	143806	21.74 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.46	93	136241	20.10 ng/ul#	90
27) 2,4-Dichlorophenol	10.71	162	123699m	23.23 ng/ul	
28) Naphthalene	11.12	128	315978	21.04 ng/ul	97
30) 4-Chloroaniline	11.23	127	135253	24.54 ng/ul#	84
31) Hexachlorobutadiene	11.38	225	92627	20.23 ng/ul	99
32) Caprolactam	11.99	113	41141m	18.60 ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	140272	21.37 ng/ul	97
34) 2-Methylnaphthalene	12.71	142	251160	21.19 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	186978	23.64	ng/ul#	93
37) Hexachlorocyclopentadiene	13.03	237	74206	15.98	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	111760	22.50	ng/ul	98
39) 2,4,5-Trichlorophenol	13.38	196	124931	22.94	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	360395	22.66	ng/ul	96
41) 2-Chloronaphthalene	13.75	162	284583	22.47	ng/ul	98
42) 2-Nitroaniline	13.95	65	112736	22.74	ng/ul	92
44) Dimethylphthalate	14.30	163	374165	21.10	ng/ul	99
45) 2,6-Dinitrotoluene	14.43	165	82487	21.64	ng/ul	94
47) Acenaphthylene	14.59	152	416256	21.66	ng/ul	98
48) 3-Nitroaniline	14.77	138	75069	22.74	ng/ul#	80
49) Acenaphthene	14.93	153	296378	22.51	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	49727	20.08	ng/ul	92
52) 4-Nitrophenol	15.07	109	82720	22.17	ng/ul#	90
53) Dibenzofuran	15.26	168	465749	22.36	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	123452	21.49	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.48	232	127512	22.16	ng/ul	96
56) Diethylphthalate	15.65	149	373697	19.90	ng/ul	96
58) Fluorene	15.90	166	370954	21.88	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.88	204	208985	21.89	ng/ul	91
60) 4-Nitroaniline	15.93	138	80902	20.32	ng/ul#	89
63) 4,6-Dinitro-2-methylphenol	15.98	198	78979	20.74	ng/ul#	92
64) N-Nitrosodiphenylamine	16.10	169	350516	22.91	ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	155919	23.22	ng/ul	94
66) Hexachlorobenzene	16.91	284	167675	22.17	ng/ul	97
67) Atrazine	17.04	200	145135	19.96	ng/ul	95
68) Pentachlorophenol	17.25	266	89717	19.76	ng/ul	88
69) Phenanthrene	17.65	178	645629	22.75	ng/ul	97
71) Anthracene	17.74	178	647050	22.18	ng/ul	99
72) Carbazole	18.01	167	557789	22.91	ng/ul	99
73) Di-n-butylphthalate	18.53	149	607813	19.78	ng/ul	99
74) Fluoranthene	19.64	202	798948	23.69	ng/ul#	96
77) Pyrene	20.00	202	796997	21.89	ng/ul	97
78) Butylbenzylphthalate	20.86	149	295585	20.73	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.78	252	303304	22.97	ng/ul	98
80) Benzo(a)anthracene	21.88	228	873357	22.19	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	400890	20.43	ng/ul	99
82) Chrysene	21.95	228	812466	22.07	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	689635	24.10	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	800210	22.90	ng/ul	98
86) Benzo(k)fluoranthene	24.29	252	842178m	25.35	ng/ul	
88) Benzo(a)pyrene	25.16	252	765368	22.78	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.24	276	769127m	18.42	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	642821m	18.27	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	620917m	17.82	ng/ul	

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

