

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011317\
 Data File : BG025511.D
 Acq On : 13 Jan 2017 14:58
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02001

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:29:47 AM

Quant Time: Jan 13 16:18:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 18:33:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60683	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	257913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	197658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	470444m	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	694591	20.00	ng/ul	0.00
85) Perylene-d12	25.27	264	745835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8796	7.86	ng/uL	0.00
5) Phenol-d5	7.36	99	96561	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	66340	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	72615	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	81876	20.76	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	35989	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	43442	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	81650	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	95294	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	280352	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	314666	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	32689m	17.30	ng/ul	0.00
57) Fluorene-d10	15.82	176	259450	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	59168m	19.78	ng/ul	0.00
70) Anthracene-d10	17.67	188	397582	19.92	ng/ul	0.00
78) Pyrene-d10	19.95	212	540826	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.02	264	598301	19.40	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	9570	6.85 ng/uL#	32
4) Benzaldehyde	7.34	77	82104	24.84 ng/ul#	73
6) Phenol	7.39	94	103461	20.81 ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.61	93	77731	20.92 ng/ul#	77
10) 2-Chlorophenol	7.77	128	71328	20.09 ng/ul#	76
11) 2-Methylphenol	8.65	108	72447	19.81 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.72	45	145891	21.58 ng/ul#	79
14) Acetophenone	9.03	105	126260	20.67 ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.00	70	75574	20.40 ng/ul#	77
16) 4-Methylphenol	8.99	108	78025	19.32 ng/ul	93
17) Hexachloroethane	9.28	117	33345	19.86 ng/ul#	82
20) Nitrobenzene	9.43	77	122714	21.41 ng/ul#	78
21) Isophorone	9.94	82	208456	20.38 ng/ul#	92
23) 2-Nitrophenol	10.14	139	44455	19.55 ng/ul#	64
24) 2,4-Dimethylphenol	10.19	107	98245	19.34 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.42	93	108153	20.27 ng/ul	93
27) 2,4-Dichlorophenol	10.69	162	79199	19.76 ng/ul#	91
28) Naphthalene	11.08	128	233508	19.84 ng/ul	98
30) 4-Chloroaniline	11.20	127	95515	21.02 ng/ul	97
31) Hexachlorobutadiene	11.33	225	71698	18.39 ng/ul	96
32) Caprolactam	11.96	113	31078m	20.32 ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	90331	19.57 ng/ul	99
34) 2-Methylnaphthalene	12.67	142	180249	19.74 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	129141	19.69	ng/ul	97
37) Hexachlorocyclopentadiene	12.99	237	51944	20.09	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.28	196	72960	20.15	ng/ul	96
39) 2,4,5-Trichlorophenol	13.37	196	83293	21.27	ng/ul	92
40) 1,1'-Biphenyl	13.66	154	254150	20.55	ng/ul	93
41) 2-Chloronaphthalene	13.71	162	203640	20.65	ng/ul	94
42) 2-Nitroaniline	13.93	65	79788	20.98	ng/ul#	66
44) Dimethylphthalate	14.27	163	280896	21.29	ng/ul	100
45) 2,6-Dinitrotoluene	14.41	165	58023	21.13	ng/ul#	88
47) Acenaphthylene	14.55	152	303711	21.06	ng/ul	97
48) 3-Nitroaniline	14.76	138	53059	22.66	ng/ul	82
49) Acenaphthene	14.89	153	209126	20.56	ng/ul	95
50) 2,4-Dinitrophenol	14.99	184	39375m	26.29	ng/ul	
52) 4-Nitrophenol	15.08	109	49169	19.61	ng/ul#	61
53) Dibenzofuran	15.22	168	324214	20.61	ng/ul	96
54) 2,4-Dinitrotoluene	15.21	165	86581	21.12	ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	15.45	232	83535	20.63	ng/ul#	84
56) Diethylphthalate	15.62	149	287673	20.79	ng/ul	99
58) Fluorene	15.87	166	255054	20.04	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.85	204	140920	19.31	ng/ul#	91
60) 4-Nitroaniline	15.92	138	48432	20.75	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.98	198	62053	20.33	ng/ul	97
64) N-Nitrosodiphenylamine	16.07	169	236497	19.61	ng/ul	97
65) 4-Bromophenyl-phenylether	16.74	248	103672	18.90	ng/ul	93
66) Hexachlorobenzene	16.87	284	121479	19.05	ng/ul#	84
67) Atrazine	17.01	200	121436	21.32	ng/ul	93
68) Pentachlorophenol	17.23	266	51821	18.62	ng/ul	97
69) Phenanthrene	17.61	178	458877m	20.11	ng/ul	
71) Anthracene	17.71	178	463553	20.12	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	124973	19.00	ng/uL	98
73) Pentachlorobenzene	15.14	250	128333	18.73	ng/uL	96
74) Carbazole	17.98	167	417563	21.74	ng/ul	98
75) Di-n-butylphthalate	18.50	149	519517	20.88	ng/ul#	98
76) Fluoranthene	19.62	202	622072	21.86	ng/ul#	88
79) Pvrene	19.98	202	638550	20.28	ng/ul#	90
80) Butylbenzylphthalate	20.82	149	278236	21.69	ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.74	252	278580	21.46	ng/ul#	97
82) Benzo(a)anthracene	21.84	228	732991	20.40	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	380630	20.60	ng/ul#	98
84) Chrysene	21.92	228	689671	20.28	ng/ul	98
86) Di-n-octyl phthalate	22.94	149	668230	21.55	ng/ul#	88
87) Benzo(b)fluoranthene	24.17	252	741116	20.01	ng/ul#	95
88) Benzo(k)fluoranthene	24.24	252	716074	20.09	ng/ul#	96
90) Benzo(a)pyrene	25.10	252	719841	20.08	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	29.18	276	886879m	19.58	ng/ul	
92) Dibenzo(a,h)anthracene	29.23	278	753985	19.82	ng/ul#	90
93) Benzo(g,h,i)perylene	30.41	276	732225	19.47	ng/ul#	84

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

