

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
 Data File : BG025824.D
 Acq On : 10 Feb 2017 11:01
 Operator : SJ/MA
 Sample : SSTD02006
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02006

Manual Integrations
 APPROVED

mohammad
 2/13/2017 8:53:19 AM

Quant Time: Feb 10 12:20:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 10 12:09:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	75114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	385341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	281308	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	611263	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	617943	20.00	ng/ul	0.00
85) Perylene-d12	24.89	264	595045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	13764	9.94	ng/uL	0.00
5) Phenol-d5	7.24	99	144913	24.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	90640	23.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	109781	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	120070	24.60	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	49350	18.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	53262	16.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	117846	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	160088	23.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	428163	22.10	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	491877	23.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	80282	29.85	ng/ul	0.00
57) Fluorene-d10	15.68	176	376000	20.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	56829	14.62	ng/ul	0.00
70) Anthracene-d10	17.52	188	582010	22.44	ng/ul	0.00
78) Pyrene-d10	19.79	212	624964	26.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.66	264	552424	22.46	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.55	88	15243	9.16	ng/uL#	61
4) Benzaldehyde	7.23	77	95914	23.44	ng/ul	95
6) Phenol	7.26	94	151045	24.54	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.50	93	115514	25.11	ng/ul#	84
10) 2-Chlorophenol	7.66	128	109668	24.95	ng/ul#	84
11) 2-Methylphenol	8.52	108	114068	25.20	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	161663	19.32	ng/ul#	88
14) Acetophenone	8.91	105	186336	24.64	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.89	70	93282	20.34	ng/ul	93
16) 4-Methylphenol	8.84	108	130565	26.12	ng/ul	94
17) Hexachloroethane	9.18	117	38748	18.64	ng/ul	93
20) Nitrobenzene	9.29	77	120649	14.09	ng/ul	96
21) Isophorone	9.81	82	273638	17.91	ng/ul	98
23) 2-Nitrophenol	10.00	139	60916	17.93	ng/ul#	91
24) 2,4-Dimethylphenol	10.05	107	133004	17.52	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.29	93	167372	20.99	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	115594	19.30	ng/ul	99
28) Naphthalene	10.95	128	390559	22.21	ng/ul	98
30) 4-Chloroaniline	11.04	127	155245	22.87	ng/ul	97
31) Hexachlorobutadiene	11.24	225	65539	11.25	ng/ul	96
32) Caprolactam	11.79	113	46792m	20.48	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	136467	19.79	ng/ul	95
34) 2-Methylnaphthalene	12.54	142	308053	22.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	139939	14.99	ng/ul	99
37) Hexachlorocyclopentadiene	12.89	237	80201	21.79	ng/ul	97
38) 2,4,6-Trichlorophenol	13.13	196	92912	18.03	ng/ul	95
39) 2,4,5-Trichlorophenol	13.20	196	103429	18.56	ng/ul	99
40) 1,1'-Biphenyl	13.54	154	413435	23.49	ng/ul	100
41) 2-Chloronaphthalene	13.57	162	298109	21.25	ng/ul	95
42) 2-Nitroaniline	13.77	65	83364	15.40	ng/ul	87
44) Dimethylphthalate	14.14	163	414365	22.06	ng/ul#	99
45) 2,6-Dinitrotoluene	14.25	165	72254	18.49	ng/ul	98
47) Acenaphthylene	14.42	152	509862	24.84	ng/ul	98
48) 3-Nitroaniline	14.58	138	82862	24.86	ng/ul	98
49) Acenaphthene	14.75	153	359216	24.81	ng/ul	98
50) 2,4-Dinitrophenol	14.78	184	34647	16.25	ng/ul	96
52) 4-Nitrophenol	14.87	109	48160	13.49	ng/ul#	63
53) Dibenzofuran	15.09	168	505363	22.58	ng/ul	92
54) 2,4-Dinitrotoluene	15.03	165	108541	18.60	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.31	232	97962	17.00	ng/ul	95
56) Diethylphthalate	15.50	149	432441	21.96	ng/ul	98
58) Fluorene	15.73	166	424271	23.42	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.72	204	192147	18.50	ng/ul	89
60) 4-Nitroaniline	15.73	138	97161	29.25	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.79	198	61780	15.58	ng/ul#	95
64) N-Nitrosodiphenylamine	15.93	169	369739	23.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	124952	17.53	ng/ul#	89
66) Hexachlorobenzene	16.73	284	134466	16.23	ng/ul	96
67) Atrazine	16.87	200	133527	18.05	ng/ul	98
68) Pentachlorophenol	17.07	266	81256	22.47	ng/ul	99
69) Phenanthrene	17.47	178	697827	23.53	ng/ul	99
71) Anthracene	17.56	178	704424	23.53	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	136893	16.02	ng/uL	100
73) Pentachlorobenzene	15.01	250	145262	16.32	ng/uL	97
74) Carbazole	17.81	167	657583	26.35	ng/ul	96
75) Di-n-butylphthalate	18.38	149	721277	22.32	ng/ul#	99
76) Fluoranthene	19.46	202	772622	20.90	ng/ul	97
79) Pvrene	19.82	202	793141	28.31	ng/ul	96
80) Butylbenzylphthalate	20.71	149	286619	25.12	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.57	252	241371	20.90	ng/ul	98
82) Benzo(a)anthracene	21.66	228	724322	22.66	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	430514	26.19	ng/ul	96
84) Chrysene	21.72	228	688832	22.77	ng/ul	97
86) Di-n-octyl phthalate	22.79	149	727945	29.42	ng/ul	97
87) Benzo(b)fluoranthene	23.87	252	711126	24.07	ng/ul	99
88) Benzo(k)fluoranthene	23.94	252	702216	24.70	ng/ul	98
90) Benzo(a)pyrene	24.74	252	690035	24.13	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.54	276	804476	22.26	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.61	278	678524	22.36	ng/ul	99
93) Benzo(g,h,i)perylene	29.69	276	668979	22.30	ng/ul	99

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

