

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
 Data File : BG016000.D
 Acq On : 17 Feb 2015 17:44
 Operator : TP/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02009

Manual Integrations
 APPROVED

apatel
 2/18/2015 10:02:45 AM

Quant Time: Feb 17 18:24:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 17 18:10:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	75200	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	339895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	203018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	426161	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	465897	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	448582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	14274	7.78	ng/uL	0.00
5) Phenol-d5	6.97	99	148758	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	85697	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	110970	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	112060	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	57143	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	57405	19.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	103209	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	127163	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	269494	19.76	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	388235	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	71633	21.05	ng/ul	0.00
57) Fluorene-d10	15.43	176	265146	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	41004	16.27	ng/ul	0.00
70) Anthracene-d10	17.28	188	399032	20.39	ng/ul	0.00
76) Pyrene-d10	19.57	212	432870	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	407954	20.54	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	18101	8.62	ng/uL	95
4) Benzaldehyde	6.95	77	50842	22.92	ng/ul	96
6) Phenol	6.99	94	156598	20.15	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	119622	20.07	ng/ul	99
10) 2-Chlorophenol	7.38	128	112379	20.08	ng/ul	98
11) 2-Methylphenol	8.25	108	113734	19.73	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	157599	19.09	ng/ul	99
14) Acetophenone	8.63	105	164848	19.78	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	96136	19.05	ng/ul	97
16) 4-Methylphenol	8.57	108	125905	19.46	ng/ul	98
17) Hexachloroethane	8.89	117	43178	19.87	ng/ul	96
20) Nitrobenzene	9.01	77	132437	20.39	ng/ul	97
21) Isophorone	9.53	82	259183	19.43	ng/ul	100
23) 2-Nitrophenol	9.71	139	63832	20.53	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	124811	19.76	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	152222	19.57	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	97870	19.74	ng/ul	97
28) Naphthalene	10.65	128	360040	20.36	ng/ul	100
30) 4-Chloroaniline	10.75	127	127556	22.39	ng/ul	98
31) Hexachlorobutadiene	10.94	225	51413	19.72	ng/ul	95
32) Caprolactam	11.51	113	51410m	19.34	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	118847	19.72	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	252468	19.87	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	104242	20.05	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	53625	16.56	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	71557	20.58	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	80775	20.99	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	313556	20.44	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	233222	20.43	ng/ul	99
42) 2-Nitroaniline	13.52	65	78428	20.45	ng/ul	94
44) Dimethylphthalate	13.90	163	289827	19.69	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	63582	20.09	ng/ul	99
47) Acenaphthylene	14.16	152	430320	21.55	ng/ul	99
48) 3-Nitroaniline	14.34	138	79809	22.79	ng/ul	96
49) Acenaphthene	14.50	153	271102	20.50	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	27309	16.25	ng/ul	99
52) 4-Nitrophenol	14.64	109	39406	20.57	ng/ul	99
53) Dibenzofuran	14.84	168	356171	20.08	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	89081	20.14	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	68322	20.40	ng/ul#	96
56) Diethylphthalate	15.27	149	297171	19.51	ng/ul	99
58) Fluorene	15.49	166	316140	20.35	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	138098	19.29	ng/ul	98
60) 4-Nitroaniline	15.50	138	91595	21.22	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.56	198	45666	16.67	ng/ul#	99
64) N-Nitrosodiphenylamine	15.69	169	267028	20.02	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	86441	19.50	ng/ul	97
66) Hexachlorobenzene	16.49	284	95703	19.26	ng/ul	97
67) Atrazine	16.65	200	89799	20.35	ng/ul	99
68) Pentachlorophenol	16.83	266	60695	20.51	ng/ul	99
69) Phenanthrene	17.22	178	469621	20.41	ng/ul	98
71) Anthracene	17.32	178	492201	20.74	ng/ul	99
72) Carbazole	17.58	167	477030	22.73	ng/ul	100
73) Di-n-butylphthalate	18.15	149	567269	21.05	ng/ul	100
74) Fluoranthene	19.24	202	543511	23.30	ng/ul	100
77) Pyrene	19.60	202	575150	21.21	ng/ul	99
78) Butylbenzylphthalate	20.50	149	267427	21.78	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.28	252	193659	22.37	ng/ul	98
80) Benzo(a)anthracene	21.34	228	534401	20.94	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	362348	22.30	ng/ul	100
82) Chrysene	21.39	228	507290	21.21	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	604433	24.45	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	524846	20.83	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	504439	20.78	ng/ul	99
88) Benzo(a)pyrene	23.56	252	505755	20.74	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	593052	20.26	ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	498244	20.22	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	492174	20.15	ng/ul	100

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

