

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022058.D
 Acq On : 23 May 2016 22:40
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02015

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:37:27 PM

Quant Time: May 24 08:42:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	37857	20.00	ng/ul	0.02
18) Naphthalene-d8	11.01	136	177116	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.82	164	83192	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.57	188	145726	20.00	ng/ul	0.04
75) Chrysene-d12	21.86	240	163002	20.00	ng/ul	0.04
83) Perylene-d12	25.24	264	119437	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5593	7.70	ng/uL	0.00
5) Phenol-d5	7.35	99	63168	18.47	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.50	67	32999	18.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.72	132	55700	19.48	ng/ul	0.03
13) 4-Methylphenol-d8	8.90	113	53510	18.45	ng/ul	0.04
19) Nitrobenzene-d5	9.35	128	27510	21.06	ng/ul	0.02
22) 2-Nitrophenol-d4	10.08	143	30380	21.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.64	165	53799	21.55	ng/ul	0.04
29) 4-Chloroaniline-d4	11.14	131	63056	23.19	ng/ul	0.02
43) Dimethylphthalate-d6	14.21	166	130581	20.90	ng/ul	0.02
46) Acenaphthylene-d8	14.51	160	179952	20.62	ng/ul	0.03
51) 4-Nitrophenol-d4	15.03	143	20756	19.29	ng/ul	0.04
57) Fluorene-d10	15.81	176	109802	18.76	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.94	200	10804	14.18	ng/ul	0.04
70) Anthracene-d10	17.66	188	143549	20.52	ng/ul	0.03
76) Pyrene-d10	19.94	212	159413	17.34	ng/ul	0.04
87) Benzo(a)pyrene-d12	25.01	264	133265m	24.05	ng/ul	0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	9905	7.52	ng/uL#	90
4) Benzaldehyde	7.32	77	37879	20.10	ng/ul	96
6) Phenol	7.38	94	63480	18.43	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.59	93	47814	19.00	ng/ul	95
10) 2-Chlorophenol	7.76	128	55243	19.60	ng/ul	93
11) 2-Methylphenol	8.64	108	51186	18.60	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.71	45	54776	18.22	ng/ul	97
14) Acetophenone	9.01	105	75940	18.71	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.99	70	38504	18.38	ng/ul	98
16) 4-Methylphenol	8.96	108	53940	18.18	ng/ul	94
17) Hexachloroethane	9.27	117	21564	19.19	ng/ul	95
20) Nitrobenzene	9.40	77	55070	20.83	ng/ul	96
21) Isophorone	9.92	82	110032	19.52	ng/ul	98
23) 2-Nitrophenol	10.12	139	30957	20.93	ng/ul	99
24) 2,4-Dimethylphenol	10.17	107	56807	19.90	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.39	93	64280	19.87	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	51494	21.02	ng/ul	97
28) Naphthalene	11.06	128	183309	20.41	ng/ul	99
30) 4-Chloroaniline	11.16	127	65234	23.88	ng/ul	98
31) Hexachlorobutadiene	11.33	225	30978	21.45	ng/ul	93
32) Caprolactam	11.96	113	18165	18.50	ng/ul	96
33) 4-Chloro-3-methylphenol	12.29	107	50679	19.43	ng/ul	98
34) 2-Methylnaphthalene	12.66	142	125908	19.61	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	13.02	216	58159	23.57	ng/ul	97
37) Hexachlorocyclopentadiene	12.99	237	4791	4.51	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.26	196	38327	23.00	ng/ul	96
39) 2,4,5-Trichlorophenol	13.34	196	41101	23.24	ng/ul	96
40) 1,1'-Biphenyl	13.65	154	149547	21.83	ng/ul	97
41) 2-Chloronaphthalene	13.70	162	115524	21.96	ng/ul	98
42) 2-Nitroaniline	13.90	65	24255	20.45	ng/ul	99
44) Dimethylphthalate	14.25	163	130069	20.71	ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	28010	20.80	ng/ul	96
47) Acenaphthylene	14.54	152	178464	20.08	ng/ul	98
48) 3-Nitroaniline	14.72	138	27952	21.66	ng/ul#	91
49) Acenaphthene	14.88	153	120427	19.61	ng/ul	100
50) 2,4-Dinitrophenol	14.94	184	5523	10.59	ng/ul	95
52) 4-Nitrophenol	15.05	109	11306	18.63	ng/ul#	76
53) Dibenzofuran	15.22	168	149099	19.64	ng/ul	96
54) 2,4-Dinitrotoluene	15.18	165	35159	19.36	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.45	232	28174	20.14	ng/ul#	96
56) Diethylphthalate	15.61	149	122780	18.85	ng/ul	97
58) Fluorene	15.86	166	121487	18.96	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	55523	19.23	ng/ul	95
60) 4-Nitroaniline	15.88	138	25254	17.82	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.95	198	11595	14.71	ng/ul#	88
64) N-Nitrosodiphenylamine	16.06	169	100112	21.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.74	248	31841	21.62	ng/ul	97
66) Hexachlorobenzene	16.88	284	36295	21.23	ng/ul	96
67) Atrazine	17.00	200	34448	21.71	ng/ul	98
68) Pentachlorophenol	17.22	266	17379	19.52	ng/ul	94
69) Phenanthrene	17.61	178	165557	20.42	ng/ul	97
71) Anthracene	17.70	178	167877	20.45	ng/ul	98
72) Carbazole	17.97	167	147853	20.78	ng/ul	97
73) Di-n-butylphthalate	18.50	149	199526	20.93	ng/ul	97
74) Fluoranthene	19.61	202	188256	22.73	ng/ul	97
77) Pyrene	19.97	202	196334	17.12	ng/ul	98
78) Butylbenzylphthalate	20.83	149	96292	17.72	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.74	252	57725	18.84	ng/ul#	92
80) Benzo(a)anthracene	21.84	228	202386m	21.17	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.71	149	139409	18.02	ng/ul#	98
82) Chrysene	21.91	228	185067	20.18	ng/ul#	97
84) Di-n-octyl phthalate	22.96	149	251751m	25.87	ng/ul	
85) Benzo(b)fluoranthene	24.16	252	160441	22.95	ng/ul#	53
86) Benzo(k)fluoranthene	24.23	252	206876m	30.41	ng/ul	
88) Benzo(a)pyrene	25.08	252	144389	21.41	ng/ul#	51
89) Indeno(1,2,3-cd)pyrene	29.14	276	133514m	17.27	ng/ul	
90) Dibenzo(a,h)anthracene	29.19	278	109149m	16.87	ng/ul	
91) Benzo(g,h,i)perylene	30.35	276	75157m	12.13	ng/ul	

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

