

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021318.D
 Acq On : 5 Mar 2016 23:49
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Quant Time: Mar 07 03:51:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 03:50:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10173	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	50361	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	30547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	69888	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	76000	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	69023	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1837	7.33	ng/uL	0.00
5) Phenol-d5	7.27	99	21923	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	14866	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	15187	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	16906	19.87	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7938	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	8152	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	15574	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	19538	19.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	48226	18.84	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	61856	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9455	18.95	ng/ul	0.00
58) Fluorene-d10	15.72	176	42554	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9024	17.99	ng/ul	0.00
71) Anthracene-d10	17.57	188	67654	19.47	ng/ul	0.00
79) Pyrene-d10	19.84	212	74537	19.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	71581	19.21	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	2451	8.19	ng/uL#	86
4) Benzaldehyde	7.26	77	10132	13.98	ng/ul	94
6) Phenol	7.30	94	22983	19.78	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.54	93	17225	20.10	ng/ul	96
10) 2-Chlorophenol	7.69	128	16586	20.50	ng/ul	96
11) 2-Methylphenol	8.56	108	17078	19.89	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.65	45	28242	21.75	ng/ul	97
14) Acetophenone	8.95	105	28814	20.06	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.92	70	18214	20.43	ng/ul#	96
16) 4-Methylphenol	8.88	108	19491	20.36	ng/ul	91
17) Hexachloroethane	9.21	117	7144	20.29	ng/ul#	89
20) Nitrobenzene	9.33	77	26105	20.16	ng/ul	98
21) Isophorone	9.85	82	46978	19.59	ng/ul	97
23) 2-Nitrophenol	10.04	139	9479	19.08	ng/ul	92
24) 2,4-Dimethylphenol	10.09	107	22881	19.67	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	24601	19.58	ng/ul	99
27) 2,4-Dichlorophenol	10.57	162	15874	19.52	ng/ul	91
28) Naphthalene	10.98	128	55897	19.78	ng/ul	99
30) 4-Chloroaniline	11.09	127	21520	20.01	ng/ul	92
31) Hexachlorobutadiene	11.26	225	10165	18.72	ng/ul	96
32) Caprolactam	11.85	113	5753	18.35	ng/ul	95
33) 4-Chloro-3-methylphenol	12.19	107	20933	19.30	ng/ul	94
34) 2-Methylnaphthalene	12.58	142	39241	19.19	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	37495	19.57	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	19677	18.86	ng/ul	93
38) Hexachlorocyclopentadiene	12.91	237	12125	17.29	ng/ul	95
39) 2,4,6-Trichlorophenol	13.17	196	13468	19.01	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	14504	19.08	ng/ul	98
41) 1,1'-Biphenyl	13.57	154	51484	19.40	ng/ul	98
42) 2-Chloronaphthalene	13.62	162	38774	19.17	ng/ul	98
43) 2-Nitroaniline	13.82	65	17430	20.03	ng/ul	91
45) Dimethylphthalate	14.18	163	52114	18.92	ng/ul#	98
46) 2,6-Dinitrotoluene	14.30	165	10851	19.27	ng/ul	89
48) Acenaphthylene	14.46	152	64375	19.51	ng/ul	99
49) 3-Nitroaniline	14.63	138	9568	16.96	ng/ul	88
50) Acenaphthene	14.80	153	43588	19.25	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	6197	16.00	ng/ul	94
53) 4-Nitrophenol	14.93	109	11117	18.42	ng/ul	94
54) Dibenzofuran	15.13	168	59246	19.25	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	15933	19.09	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.35	232	12072	17.93	ng/ul	98
57) Diethylphthalate	15.54	149	56339	18.61	ng/ul	95
59) Fluorene	15.77	166	51091	19.06	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.76	204	25193	18.72	ng/ul	95
61) 4-Nitroaniline	15.79	138	10216	15.20	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.84	198	9507	17.53	ng/ul	97
65) N-Nitrosodiphenylamine	15.98	169	45148	19.59	ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	14860	19.06	ng/ul	96
67) Hexachlorobenzene	16.77	284	15576	20.33	ng/ul	94
68) Atrazine	16.91	200	16680	19.13	ng/ul	92
69) Pentachlorophenol	17.11	266	9175	17.44	ng/ul	92
70) Phenanthrene	17.51	178	80094	19.05	ng/ul	99
72) Anthracene	17.60	178	82978	19.54	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	18995	20.04	ng/uL	92
74) Pentachlorobenzene	15.04	250	18471	19.60	ng/uL	99
75) Carbazole	17.87	167	71278	19.21	ng/ul	99
76) Di-n-butylphthalate	18.42	149	96606	19.22	ng/ul	99
77) Fluoranthene	19.50	202	95319	19.37	ng/ul	99
80) Pyrene	19.87	202	100139	19.66	ng/ul	99
81) Butylbenzylphthalate	20.74	149	44123	19.10	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	28860	17.18	ng/ul	99
83) Benzo(a)anthracene	21.71	228	96032	19.50	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	64768	18.86	ng/ul	96
85) Chrysene	21.78	228	89473	19.46	ng/ul	98
87) Di-n-octyl phthalate	22.82	149	111939	19.44	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	92930	19.45	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	90821	19.70	ng/ul	100
91) Benzo(a)pyrene	24.83	252	90501	19.62	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.68	276	98917	19.73	ng/ul	96
93) Dibenzo(a,h)anthracene	28.75	278	84732	19.57	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	81780	19.53	ng/ul	98

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

