

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021315\
 Data File : BG015990.D
 Acq On : 13 Feb 2015 16:42
 Operator : TP/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Quant Time: Feb 13 22:57:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 12:50:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	80668	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.60	136	380604	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	238124	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	501314	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	549694	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	506724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	16041	8.15	ng/uL	-0.01
5) Phenol-d5	6.96	99	159739	19.96	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	93835	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	118632	19.99	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	124441	20.00	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	60892	19.21	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	63179	19.51	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	113144	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	146298	23.02	ng/ul	-0.01
43) Dimethylphthalate-d6	13.85	166	323354	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	450249	20.65	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	80136	20.07	ng/ul	0.00
57) Fluorene-d10	15.43	176	321649	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	49236	16.60	ng/ul	0.00
70) Anthracene-d10	17.28	188	475879	20.67	ng/ul	0.00
76) Pyrene-d10	19.57	212	505229	20.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	461781	20.58	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	17764	7.89	ng/uL	92
4) Benzaldehyde	6.95	77	54099	22.73	ng/ul	99
6) Phenol	6.99	94	169735	20.36	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	131227	20.53	ng/ul	98
10) 2-Chlorophenol	7.37	128	118571	19.75	ng/ul	98
11) 2-Methylphenol	8.24	108	124503	20.13	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.34	45	175197	19.78	ng/ul	98
14) Acetophenone	8.63	105	184889	20.68	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	110163	20.35	ng/ul	98
16) 4-Methylphenol	8.57	108	140251	20.21	ng/ul	99
17) Hexachloroethane	8.88	117	46277	19.85	ng/ul	97
20) Nitrobenzene	9.01	77	144863	19.92	ng/ul	100
21) Isophorone	9.53	82	297326	19.91	ng/ul	100
23) 2-Nitrophenol	9.71	139	68803	19.76	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	141243	19.97	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	175523	20.16	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	111066	20.00	ng/ul	99
28) Naphthalene	10.65	128	404194	20.41	ng/ul	99
30) 4-Chloroaniline	10.76	127	145030	22.73	ng/ul	100
31) Hexachlorobutadiene	10.93	225	57295	19.63	ng/ul	94
32) Caprolactam	11.50	113	59269	19.92	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	136374	20.21	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	291618	20.49	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	120121	19.70	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	64286	16.93	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	81435	19.97	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	91401	20.25	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	368079	20.46	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	270796	20.23	ng/ul	99
42) 2-Nitroaniline	13.52	65	92012	20.46	ng/ul	98
44) Dimethylphthalate	13.90	163	351907	20.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	74364	20.03	ng/ul	99
47) Acenaphthylene	14.16	152	484717	20.70	ng/ul	100
48) 3-Nitroaniline	14.34	138	87834	21.38	ng/ul	97
49) Acenaphthene	14.51	153	317751	20.49	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	28625	14.52	ng/ul	99
52) 4-Nitrophenol	14.64	109	43626	19.42	ng/ul	96
53) Dibenzofuran	14.84	168	430242	20.69	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	106064	20.44	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	76909	19.58	ng/ul#	95
56) Diethylphthalate	15.26	149	366059	20.48	ng/ul	100
58) Fluorene	15.49	166	375858	20.63	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	167171	19.91	ng/ul	96
60) 4-Nitroaniline	15.51	138	102985	20.34	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	55377	17.19	ng/ul	97
64) N-Nitrosodiphenylamine	15.70	169	323653	20.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	104209	19.99	ng/ul	97
66) Hexachlorobenzene	16.49	284	114708	19.62	ng/ul	96
67) Atrazine	16.64	200	105447	20.31	ng/ul	99
68) Pentachlorophenol	16.83	266	62411	17.93	ng/ul	98
69) Phenanthrene	17.23	178	561415	20.74	ng/ul	99
71) Anthracene	17.31	178	583357	20.90	ng/ul	99
72) Carbazole	17.58	167	553313	22.41	ng/ul	99
73) Di-n-butylphthalate	18.15	149	660284	20.83	ng/ul	100
74) Fluoranthene	19.24	202	634028	23.11	ng/ul	99
77) Pyrene	19.60	202	666877	20.84	ng/ul	99
78) Butylbenzylphthalate	20.50	149	305879	21.12	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	203157	19.89	ng/ul	99
80) Benzo(a)anthracene	21.34	228	626161	20.80	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	398211	20.77	ng/ul	98
82) Chrysene	21.39	228	592075	20.98	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	658869	23.60	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	580153	20.38	ng/ul	100
86) Benzo(k)fluoranthene	23.01	252	578673	21.10	ng/ul	100
88) Benzo(a)pyrene	23.56	252	564425	20.49	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.02	276	657933	19.90	ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	556990	20.01	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	552531	20.02	ng/ul	98

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

