

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101515\
 Data File : BG019204.D
 Acq On : 15 Oct 2015 14:00
 Operator : UM/NP
 Sample : SSTD00504
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00504

Quant Time: Oct 15 16:28:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 15 15:52:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	59519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	42374	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	118179	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	164387	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	152185	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	438	1.44	ng/uL	0.00
5) Phenol-d5	7.16	99	5118	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	3800	4.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	3883	4.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	4295	4.61	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	2246	4.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	1905	4.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	4089	4.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	5686	5.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	18908	5.66	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	20068	4.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	3066	4.54	ng/ul	0.00
58) Fluorene-d10	15.63	176	16440	5.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	2681	4.18	ng/ul	0.00
71) Anthracene-d10	17.48	188	28723	5.16	ng/ul	0.00
79) Pyrene-d10	19.77	212	37001	4.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	37439	4.81	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	659	1.97	ng/uL	92
4) Benzaldehyde	7.14	77	3479	4.95	ng/ul	95
6) Phenol	7.20	94	5515	4.56	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.43	93	4158	4.56	ng/ul	89
10) 2-Chlorophenol	7.57	128	3886	4.20	ng/ul#	89
11) 2-Methylphenol	8.45	108	3803	4.08	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.54	45	9679	5.41	ng/ul#	91
14) Acetophenone	8.82	105	7937	5.50	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.81	70	3993	5.14	ng/ul	92
16) 4-Methylphenol	8.77	108	4854	4.72	ng/ul	86
17) Hexachloroethane	9.09	117	1883	5.12	ng/ul#	77
20) Nitrobenzene	9.21	77	5982	5.34	ng/ul	94
21) Isophorone	9.73	82	11938	5.46	ng/ul#	98
23) 2-Nitrophenol	9.92	139	2325	4.68	ng/ul#	67
24) 2,4-Dimethylphenol	9.98	107	5929	5.26	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	6352	4.92	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	4436	4.68	ng/ul	90
28) Naphthalene	10.87	128	16395	5.32	ng/ul#	89
30) 4-Chloroaniline	10.97	127	5766	4.94	ng/ul	92
31) Hexachlorobutadiene	11.15	225	3418	5.66	ng/ul#	87
32) Caprolactam	11.72	113	1666	5.22	ng/ul	87
33) 4-Chloro-3-methylphenol	12.09	107	5382	5.18	ng/ul#	91
34) 2-Methylnaphthalene	12.47	142	12241	5.30	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	11710	5.17	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	6714	4.88	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	2838	3.21	ng/ul	89
39) 2,4,6-Trichlorophenol	13.07	196	3936	4.40	ng/ul	92
40) 2,4,5-Trichlorophenol	13.14	196	4261	4.44	ng/ul	98
41) 1,1'-Biphenyl	13.47	154	16118	4.67	ng/ul	95
42) 2-Chloronaphthalene	13.52	162	12830	4.78	ng/ul	96
43) 2-Nitroaniline	13.71	65	4563	5.24	ng/ul	90
45) Dimethylphthalate	14.09	163	19223	5.63	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	3236	4.93	ng/ul#	86
48) Acenaphthylene	14.36	152	22380	5.06	ng/ul	96
49) 3-Nitroaniline	14.54	138	2866	4.42	ng/ul#	92
50) Acenaphthene	14.70	153	14763	4.92	ng/ul	97
51) 2,4-Dinitrophenol	14.75	184	983	2.59	ng/ul	92
53) 4-Nitrophenol	14.84	109	3232	6.26	ng/ul#	73
54) Dibenzofuran	15.03	168	21487	5.26	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	5665	5.90	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.26	232	3893	4.39	ng/ul#	90
57) Diethylphthalate	15.45	149	20191	5.90	ng/ul	99
59) Fluorene	15.69	166	18709	5.43	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.68	204	9923	5.84	ng/ul	93
61) 4-Nitroaniline	15.70	138	3693	5.04	ng/ul#	68
64) 4,6-Dinitro-2-methylphenol	15.76	198	2843	4.20	ng/ul#	97
65) N-Nitrosodiphenylamine	15.89	169	15440	4.49	ng/ul	99
66) 4-Bromophenyl-phenylether	16.57	248	6595	5.11	ng/ul#	77
67) Hexachlorobenzene	16.69	284	7547	5.14	ng/ul	97
68) Atrazine	16.84	200	8040	5.64	ng/ul	95
69) Pentachlorophenol	17.04	266	2723	2.96	ng/ul	92
70) Phenanthrene	17.43	178	34596	5.20	ng/ul	100
72) Anthracene	17.52	178	34799	5.18	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	6552	4.11	ng/uL	93
74) Pentachlorobenzene	14.96	250	7663	4.93	ng/uL	95
75) Carbazole	17.78	167	31079	5.37	ng/ul#	97
76) Di-n-butylphthalate	18.35	149	39507	5.34	ng/ul#	97
77) Fluoranthene	19.44	202	45796	5.91	ng/ul#	96
80) Pyrene	19.80	202	50882	5.14	ng/ul#	91
81) Butylbenzylphthalate	20.69	149	16170	4.31	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.55	252	14032	4.61	ng/ul	93
83) Benzo(a)anthracene	21.63	228	46875	4.94	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	22893	4.20	ng/ul	95
85) Chrysene	21.70	228	45401	5.07	ng/ul	99
87) Di-n-octyl phthalate	22.76	149	39597	4.58	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	41579	4.64	ng/ul#	96
89) Benzo(k)fluoranthene	23.90	252	43280	4.96	ng/ul#	95
91) Benzo(a)pyrene	24.71	252	40831	4.70	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.49	276	20076	2.02	ng/ul	94
93) Dibenzo(a,h)anthracene	28.55	278	21358	2.48	ng/ul	96
94) Benzo(g,h,i)perylene	29.64	276	39193	4.73	ng/ul#	92

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

