

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021015\SOM02.2\
 Data File : BG015973.D
 Acq On : 10 Feb 2015 10:30
 Operator : TP/IZ
 Sample : SSTD01096
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01096

Quant Time: Feb 11 03:00:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 02:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	93980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	438461	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	279352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	587273	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	649330	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	634754	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9262	10.53	ng/uL	0.00
5) Phenol-d5	6.98	99	91583	9.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	53715	9.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	67191	9.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	69558	9.61	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	35809	9.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	35187	9.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	63410	9.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	80658	9.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	188908	9.73	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	260594	9.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	43610	9.27	ng/ul	0.00
57) Fluorene-d10	15.44	176	184320	9.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	26798	8.66	ng/ul	0.00
70) Anthracene-d10	17.29	188	274170	9.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	294081	9.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	273571	9.59	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.33	88	10398	9.93 ng/uL	91
4) Benzaldehyde	6.97	77	30664	9.51 ng/ul	93
6) Phenol	7.01	94	94559	9.71 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.25	93	75098	9.86 ng/ul	98
10) 2-Chlorophenol	7.38	128	68364	9.76 ng/ul	97
11) 2-Methylphenol	8.25	108	70199	9.81 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	105831	9.99 ng/ul	98
14) Acetophenone	8.64	105	105660	9.87 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	63954	9.81 ng/ul	98
16) 4-Methylphenol	8.58	108	78312	9.58 ng/ul	97
17) Hexachloroethane	8.90	117	26992	10.11 ng/ul	93
20) Nitrobenzene	9.02	77	82688	9.74 ng/ul	98
21) Isophorone	9.54	82	173394	9.68 ng/ul	98
23) 2-Nitrophenol	9.72	139	38020	9.28 ng/ul	94
24) 2,4-Dimethylphenol	9.78	107	79677	9.48 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	100196	9.65 ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	62241	9.56 ng/ul	99
28) Naphthalene	10.66	128	229927	9.73 ng/ul	100
30) 4-Chloroaniline	10.77	127	80722	9.60 ng/ul	99
31) Hexachlorobutadiene	10.95	225	33467	9.87 ng/ul	93
32) Caprolactam	11.52	113	32183	9.04 ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	77617	9.57 ng/ul	98
34) 2-Methylnaphthalene	12.27	142	166606	9.77 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	69952	9.98	ng/ul	99
37) Hexachlorocyclopentadiene	12.62	237	42665	9.89	ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	45469	9.47	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	52279	9.67	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	214561	9.92	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	156714	9.69	ng/ul	98
42) 2-Nitroaniline	13.52	65	49325	9.18	ng/ul	92
44) Dimethylphthalate	13.91	163	204174	9.75	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	41478	9.44	ng/ul	96
47) Acenaphthylene	14.17	152	283609	9.95	ng/ul	98
48) 3-Nitroaniline	14.35	138	46408	9.03	ng/ul	99
49) Acenaphthene	14.51	153	184184	9.89	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	17156	8.68	ng/ul	97
52) 4-Nitrophenol	14.64	109	24592	9.13	ng/ul	93
53) Dibenzofuran	14.85	168	250387	9.94	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	56890	9.05	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	44547	9.47	ng/ul	97
56) Diethylphthalate	15.27	149	211327	9.63	ng/ul	100
58) Fluorene	15.49	166	217773	9.76	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	98724	9.88	ng/ul	98
60) 4-Nitroaniline	15.51	138	54652	8.99	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	31096	9.14	ng/ul#	95
64) N-Nitrosodiphenylamine	15.70	169	184009	9.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	60292	9.87	ng/ul	97
66) Hexachlorobenzene	16.49	284	66849	9.76	ng/ul	96
67) Atrazine	16.65	200	62031	9.73	ng/ul	98
68) Pentachlorophenol	16.83	266	34516	8.82	ng/ul	97
69) Phenanthrene	17.23	178	330596	9.97	ng/ul	99
71) Anthracene	17.32	178	339734	9.88	ng/ul	99
72) Carbazole	17.59	167	323446	9.87	ng/ul	98
73) Di-n-butylphthalate	18.16	149	386805	9.75	ng/ul	99
74) Fluoranthene	19.24	202	370950	9.77	ng/ul	97
77) Pyrene	19.60	202	398509	10.10	ng/ul	100
78) Butylbenzylphthalate	20.51	149	171698	9.74	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.28	252	122274	9.43	ng/ul	99
80) Benzo(a)anthracene	21.35	228	377815	10.28	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	229528	9.82	ng/ul	98
82) Chrysene	21.39	228	352643	10.08	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	385250	9.55	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	358907	9.89	ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	339821	9.33	ng/ul	99
88) Benzo(a)pyrene	23.57	252	341510	9.71	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	400488	9.56	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	338100	9.52	ng/ul	99
91) Benzo(g,h,i)perylene	26.76	276	335303	9.65	ng/ul	97

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

