

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031616\
 Data File : BG021430.D
 Acq On : 16 Mar 2016 15:19
 Operator : UM/SJ
 Sample : SSTD00506
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00506

Quant Time: Mar 16 15:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 15:21:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	7825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	37732	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	25052	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	62082	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	75592	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	71850	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	184	1.10	ng/uL	0.00
5) Phenol-d5	7.34	99	2953	3.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	1988	3.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	2558	4.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	2771	3.87	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	1184	3.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	1384	4.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	2266	3.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	2546	3.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	10065	4.64	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	11792	4.46	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	845	2.06	ng/ul	0.02
58) Fluorene-d10	15.69	176	9364	4.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	1088	2.62	ng/ul	0.00
71) Anthracene-d10	17.54	188	14499	4.68	ng/ul	0.00
79) Pyrene-d10	19.81	212	16189	4.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	15484	4.03	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.52	88	390	1.74	ng/uL# 73
4) Benzaldehyde	7.23	77	2052	3.63	ng/ul 96
6) Phenol	7.36	94	3191	3.40	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.50	93	2585	3.83	ng/ul 99
10) 2-Chlorophenol	7.68	128	2602	4.01	ng/ul# 85
11) 2-Methylphenol	8.59	108	2424	3.45	ng/ul 88
12) 2,2'-oxybis(1-Chloropropan	8.61	45	3155	2.97	ng/ul# 71
14) Acetophenone	8.91	105	4637	3.92	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.88	70	2471	3.25	ng/ul# 87
16) 4-Methylphenol	8.92	108	2834	3.58	ng/ul 85
17) Hexachloroethane	9.16	117	1108	3.94	ng/ul# 84
20) Nitrobenzene	9.29	77	3339	3.42	ng/ul 94
21) Isophorone	9.81	82	6904	3.57	ng/ul 98
23) 2-Nitrophenol	10.00	139	1545	3.98	ng/ul 98
24) 2,4-Dimethylphenol	10.10	107	3475	3.84	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.29	93	3492	3.66	ng/ul 93
27) 2,4-Dichlorophenol	10.60	162	2730	4.28	ng/ul 90
28) Naphthalene	10.95	128	9361	4.42	ng/ul 98
30) 4-Chloroaniline	11.06	127	2645	3.06	ng/ul# 85
31) Hexachlorobutadiene	11.22	225	1990	4.83	ng/ul 96
32) Caprolactam	11.79	113	819	2.98	ng/ul# 54
33) 4-Chloro-3-methylphenol	12.25	107	3171	3.51	ng/ul# 96
34) 2-Methylnaphthalene	12.54	142	6747	4.29	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	6598	4.42	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	4038	4.88	ng/ul	93
38) Hexachlorocyclopentadiene	12.87	237	345	0.72	ng/ul#	76
39) 2,4,6-Trichlorophenol	13.16	196	2062	3.47	ng/ul#	88
40) 2,4,5-Trichlorophenol	13.31	196	2320	3.51	ng/ul	88
41) 1,1'-Biphenyl	13.53	154	9518	4.53	ng/ul#	92
42) 2-Chloronaphthalene	13.58	162	7281	4.46	ng/ul	99
43) 2-Nitroaniline	13.80	65	2386	3.07	ng/ul#	65
45) Dimethylphthalate	14.15	163	10586	4.57	ng/ul#	95
46) 2,6-Dinitrotoluene	14.28	165	1888	3.89	ng/ul	90
48) Acenaphthylene	14.42	152	11974	4.41	ng/ul	94
49) 3-Nitroaniline	14.62	138	1326	2.78	ng/ul#	83
50) Acenaphthene	14.76	153	8281	4.40	ng/ul	91
51) 2,4-Dinitrophenol	14.85	184	130	0.54	ng/ul#	45
53) 4-Nitrophenol	15.10	109	1048	2.11	ng/ul#	1
54) Dibenzofuran	15.09	168	11877	4.58	ng/ul	98
55) 2,4-Dinitrotoluene	15.06	165	2784	3.82	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.34	232	1450	2.51	ng/ul#	93
57) Diethylphthalate	15.50	149	10913	4.29	ng/ul#	95
59) Fluorene	15.74	166	10168	4.49	ng/ul#	89
60) 4-Chlorophenyl-phenylether	15.73	204	5378	4.73	ng/ul	94
61) 4-Nitroaniline	15.78	138	1814	3.17	ng/ul#	69
64) 4,6-Dinitro-2-methylphenol	15.82	198	1275	2.83	ng/ul#	95
65) N-Nitrosodiphenylamine	15.95	169	8940	4.34	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	3325	4.74	ng/ul	90
67) Hexachlorobenzene	16.74	284	3473	4.66	ng/ul	96
68) Atrazine	16.88	200	3473	4.44	ng/ul	96
69) Pentachlorophenol	17.11	266	256	0.61	ng/ul#	16
70) Phenanthrene	17.48	178	16768	4.54	ng/ul	98
72) Anthracene	17.57	178	17035	4.53	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	3891	4.92	ng/uL	96
74) Pentachlorobenzene	15.02	250	4202	4.98	ng/uL#	84
75) Carbazole	17.85	167	13898	4.28	ng/ul	97
76) Di-n-butylphthalate	18.38	149	18332	4.14	ng/ul	99
77) Fluoranthene	19.48	202	19905	4.67	ng/ul	96
80) Pvrene	19.84	202	20856	4.12	ng/ul#	93
81) Butylbenzylphthalate	20.71	149	8403	3.62	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.59	252	6474	3.89	ng/ul	99
83) Benzo(a)anthracene	21.67	228	20550	4.16	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	12424	3.59	ng/ul#	97
85) Chrysene	21.74	228	19983	4.37	ng/ul	100
87) Di-n-octyl phthalate	22.77	149	21752	3.66	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	21264	4.33	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	20890	4.36	ng/ul	96
91) Benzo(a)pyrene	24.78	252	20842	4.32	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.61	276	23271	4.39	ng/ul	96
93) Dibenzo(a,h)anthracene	28.66	278	19779	4.39	ng/ul	97
94) Benzo(a,h,i)perylene	29.75	276	10172	2.33	ng/ul#	90

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

