

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023758.D
 Acq On : 18 Aug 2016 14:08
 Operator : UM/SJ
 Sample : SSTD16011
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16011

Quant Time: Aug 18 14:41:26 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 13:11:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	107285	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	477554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	313850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	715408	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	714394	20.00	ng/ul	0.01
83) Perylene-d12	25.24	264	693288	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	142579	56.50	ng/uL	0.00
5) Phenol-d5	7.27	99	1546821	143.12	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.42	67	1033013	149.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.63	132	1107207	150.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	1242644	147.28	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	606740	161.19	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	709131	164.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	1234566	151.39	ng/ul	0.01
29) 4-Chloroaniline-d4	11.08	131	1275930	133.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	3165989	123.20	ng/ul	0.02
46) Acenaphthylene-d8	14.47	160	3553791	122.88	ng/ul	0.01
51) 4-Nitrophenol-d4	15.01	143	675408	153.97	ng/ul	0.02
57) Fluorene-d10	15.77	176	2856237	120.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	765473	166.78	ng/ul	0.02
70) Anthracene-d10	17.65	188	3759968	116.65	ng/ul	0.01
76) Pyrene-d10	19.93	212	4028787	111.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	4596305	146.47	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.50	88	146224	55.23	ng/uL#	74
4) Benzaldehyde	7.23	77	733183	111.30	ng/ul	82
6) Phenol	7.30	94	1569363	139.44	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.51	93	1170788	143.30	ng/ul#	86
10) 2-Chlorophenol	7.67	128	1093582	145.62	ng/ul#	79
11) 2-Methylphenol	8.55	108	1230962	145.23	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.64	45	1651418	147.71	ng/ul	99
14) Acetophenone	8.94	105	1856932	137.22	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.95	70	1194420	146.71	ng/ul#	81
16) 4-Methylphenol	8.91	108	1307239	137.59	ng/ul	97
17) Hexachloroethane	9.19	117	494914	152.73	ng/ul#	86
20) Nitrobenzene	9.33	77	1634770	148.16	ng/ul#	85
21) Isophorone	9.86	82	2879755	141.90	ng/ul#	95
23) 2-Nitrophenol	10.05	139	713545	152.87	ng/ul#	52
24) 2,4-Dimethylphenol	10.10	107	1515673	148.01	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.33	93	1690946	144.44	ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	1186940	144.33	ng/ul	91
28) Naphthalene	10.99	128	3095470	127.67	ng/ul#	92
30) 4-Chloroaniline	11.10	127	1220862	128.58	ng/ul	96
31) Hexachlorobutadiene	11.26	225	845229	154.33	ng/ul	96
32) Caprolactam	11.92	113	250383	73.31	ng/ul#	31
33) 4-Chloro-3-methylphenol	12.25	107	1451955	137.19	ng/ul#	83
34) 2-Methylnaphthalene	12.59	142	2455850	124.93	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	1484182	154.03	ng/ul	95
37) Hexachlorocyclopentadiene	12.94	237	915263	171.73	ng/ul	98
38) 2,4,6-Trichlorophenol	13.21	196	1051329	157.52	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	1079777	150.93	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	2883584	125.03	ng/ul#	84
41) 2-Chloronaphthalene	13.65	162	2463930	137.38	ng/ul#	84
42) 2-Nitroaniline	13.87	65	1179146	161.03	ng/ul#	65
44) Dimethylphthalate	14.23	163	3010019	118.29	ng/ul#	92
45) 2,6-Dinitrotoluene	14.36	165	826005	149.73	ng/ul#	78
47) Acenaphthylene	14.50	152	3447400	113.97	ng/ul#	79
48) 3-Nitroaniline	14.70	138	726330	140.04	ng/ul#	62
49) Acenaphthene	14.84	153	2625245	127.38	ng/ul#	90
50) 2,4-Dinitrophenol	14.92	184	590022	173.33	ng/ul#	75
52) 4-Nitrophenol	15.03	109	678245	154.37	ng/ul#	70
53) Dibenzofuran	15.18	168	3343555	109.49	ng/ul#	59
54) 2,4-Dinitrotoluene	15.16	165	1146440	137.15	ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	15.41	232	1038090	141.24	ng/ul	93
56) Diethylphthalate	15.59	149	3003192	112.92	ng/ul#	78
58) Fluorene	15.83	166	2869631	112.80	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.81	204	1641427	128.27	ng/ul	89
60) 4-Nitroaniline	15.83	138	57540	9.57	ng/ul#	29
63) 4,6-Dinitro-2-methylphenol	15.94	198	783886	162.70	ng/ul#	82
64) N-Nitrosodiphenylamine	16.04	169	2654954	132.80	ng/ul#	91
65) 4-Bromophenyl-phenylether	16.71	248	1210523	147.55	ng/ul	97
66) Hexachlorobenzene	16.84	284	1297294	148.43	ng/ul	95
67) Atrazine	16.99	200	1242747	150.49	ng/ul	95
68) Pentachlorophenol	17.19	266	736389	152.70	ng/ul	95
69) Phenanthrene	17.59	178	4027265	108.70	ng/ul#	71
71) Anthracene	17.68	178	3935730	104.11	ng/ul#	67
72) Carbazole	17.95	167	3818720	125.35	ng/ul#	76
73) Di-n-butylphthalate	18.49	149	3934820	103.13	ng/ul#	70
74) Fluoranthene	19.60	202	4227302	111.45	ng/ul#	85
77) Pyrene	19.96	202	4064966	92.04	ng/ul#	79
78) Butylbenzylphthalate	20.82	149	2319560	136.94	ng/ul#	72
79) 3,3'-Dichlorobenzidine	21.75	252	1880012	149.36	ng/ul#	93
80) Benzo(a)anthracene	21.84	228	4628706	115.05	ng/ul#	66
81) Bis(2-ethylhexyl)phthalate	21.70	149	3011690	133.71	ng/ul#	80
82) Chrysene	21.91	228	4125514	112.78	ng/ul#	64
84) Di-n-octyl phthalate	22.97	149	4760863	135.96	ng/ul	100
85) Benzo(b)fluoranthene	24.17	252	5381657	136.47	ng/ul#	89
86) Benzo(k)fluoranthene	24.24	252	4925308	126.87	ng/ul#	83
88) Benzo(a)pyrene	25.11	252	5117162	134.40	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.15	276	6835080	152.79	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.24	278	5571840	146.03	ng/ul#	88
91) Benzo(g,h,i)perylene	30.40	276	5638438	152.02	ng/ul#	84

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

