

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
 Data File : BG024946.D
 Acq On : 30 Nov 2016 13:26
 Operator : UM/SJ
 Sample : SSTD16010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16010

Quant Time: Nov 30 14:01:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 30 12:45:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95233	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	416051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	348785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	771519	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	969649	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	992084	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	109154	54.38	ng/uL	0.00
5) Phenol-d5	7.40	99	1297333	145.45	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	768984	142.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	930394	149.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	1083720	143.00	ng/ul	0.02
19) Nitrobenzene-d5	9.43	128	479070	146.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	583342	152.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	1137016	147.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	987449	115.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	3184472	124.17	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	3539372	125.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	659044	146.08	ng/ul	0.03
57) Fluorene-d10	15.86	176	3027622	127.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	825864	150.80	ng/ul	0.02
70) Anthracene-d10	17.72	188	4072642	116.04	ng/ul	0.00
76) Pyrene-d10	19.98	212	4625722	107.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	5953071	134.95	ng/ul	0.03

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.64	88	125251	52.67	ng/uL#	89
4) Benzaldehyde	7.38	77	855563	151.45	ng/ul	95
6) Phenol	7.43	94	1310469	144.37	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.66	93	929346	144.10	ng/ul	93
10) 2-Chlorophenol	7.82	128	892866	147.68	ng/ul	93
11) 2-Methylphenol	8.68	108	995252	148.47	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.78	45	1552089	140.93	ng/ul	96
14) Acetophenone	9.09	105	1570788	142.81	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.08	70	929288	142.60	ng/ul#	90
16) 4-Methylphenol	9.03	108	1078568	146.53	ng/ul	97
17) Hexachloroethane	9.34	117	402509	146.12	ng/ul	93
20) Nitrobenzene	9.48	77	1381308	144.05	ng/ul	99
21) Isophorone	10.01	82	2446386	134.51	ng/ul	97
23) 2-Nitrophenol	10.19	139	584250	144.23	ng/ul	88
24) 2,4-Dimethylphenol	10.23	107	1316979	140.63	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.47	93	1329271	138.68	ng/ul	93
27) 2,4-Dichlorophenol	10.72	162	1097533	145.17	ng/ul	97
28) Naphthalene	11.13	128	2734886	134.60	ng/ul#	95
30) 4-Chloroaniline	11.24	127	979533	117.10	ng/ul	96
31) Hexachlorobutadiene	11.39	225	903614	150.38	ng/ul	87
32) Caprolactam	12.05	113	257337	88.58	ng/ul	97
33) 4-Chloro-3-methylphenol	12.35	107	1278390	135.84	ng/ul	94
34) 2-Methylnaphthalene	12.72	142	2186683	132.11	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	1606895	145.81	ng/ul	96
37) Hexachlorocyclopentadiene	13.04	237	1110702	164.14	ng/ul	98
38) 2,4,6-Trichlorophenol	13.31	196	1056111	149.46	ng/ul	88
39) 2,4,5-Trichlorophenol	13.39	196	1138079	142.09	ng/ul	97
40) 1,1'-Biphenyl	13.71	154	2848836	127.03	ng/ul#	88
41) 2-Chloronaphthalene	13.76	162	2415798	136.47	ng/ul#	90
42) 2-Nitroaniline	13.97	65	1039799	144.16	ng/ul	97
44) Dimethylphthalate	14.32	163	3048869	121.42	ng/ul#	93
45) 2,6-Dinitrotoluene	14.45	165	785283	143.39	ng/ul	97
47) Acenaphthylene	14.60	152	3339851	122.35	ng/ul#	87
48) 3-Nitroaniline	14.79	138	599229	122.81	ng/ul#	94
49) Acenaphthene	14.94	153	2529482	134.79	ng/ul	95
50) 2,4-Dinitrophenol	15.00	184	618739	164.78	ng/ul#	84
52) 4-Nitrophenol	15.09	109	783430	148.88	ng/ul	93
53) Dibenzofuran	15.27	168	3481481	119.58	ng/ul#	83
54) 2,4-Dinitrotoluene	15.24	165	1139677	140.73	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.49	232	1182804	145.47	ng/ul	99
56) Diethylphthalate	15.67	149	3150424	122.56	ng/ul#	84
58) Fluorene	15.92	166	2983596	124.91	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.90	204	1793327	135.49	ng/ul	92
60) 4-Nitroaniline	15.96	138	755540	141.30	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.01	198	856662	154.83	ng/ul#	94
64) N-Nitrosodiphenylamine	16.12	169	2770903	128.66	ng/ul	94
65) 4-Bromophenyl-phenylether	16.79	248	1389229	145.29	ng/ul	92
66) Hexachlorobenzene	16.92	284	1560217	145.27	ng/ul	96
67) Atrazine	17.06	200	1377712	141.47	ng/ul	97
68) Pentachlorophenol	17.26	266	1011200	161.93	ng/ul	93
69) Phenanthrene	17.66	178	4419192	111.36	ng/ul#	78
71) Anthracene	17.76	178	4290795	105.06	ng/ul#	72
72) Carbazole	18.02	167	3985766	118.06	ng/ul#	78
73) Di-n-butylphthalate	18.54	149	4142601	98.59	ng/ul#	79
74) Fluoranthene	19.65	202	4811746	105.11	ng/ul#	83
77) Pyrene	20.02	202	4630092	92.13	ng/ul#	80
78) Butylbenzylphthalate	20.86	149	2482079	125.86	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.79	252	2260596	123.78	ng/ul#	90
80) Benzo(a)anthracene	21.89	228	5716216	107.28	ng/ul#	68
81) Bis(2-ethylhexyl)phthalate	21.74	149	3271573	118.06	ng/ul#	80
82) Chrysene	21.96	228	5251642	104.53	ng/ul#	66
84) Di-n-octyl phthalate	23.01	149	5154978	115.99	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	6641518	125.52	ng/ul#	85
86) Benzo(k)fluoranthene	24.32	252	6184992	122.13	ng/ul#	83
88) Benzo(a)pyrene	25.19	252	6471317	125.81	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	29.28	276	9156378	145.17	ng/ul	95
90) Dibenzo(a,h)anthracene	29.37	278	7276304	138.29	ng/ul	96
91) Benzo(g,h,i)perylene	30.54	276	7501390	144.47	ng/ul#	93

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

