

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
 Data File : BG023555.D
 Acq On : 9 Aug 2016 12:24
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 8/10/2016 6:49:10 PM

Quant Time: Aug 10 04:59:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	120661	20.00	ng/ul	0.02
18) Naphthalene-d8	10.97	136	582008	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	417680	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.55	188	1046669	20.00	ng/ul	0.01
75) Chrysene-d12	21.87	240	999148	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	968382	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	21650	7.63	ng/uL	0.00
5) Phenol-d5	7.29	99	249774	20.55	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	160263	20.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	176604	21.30	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	195353	20.59	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	94508	20.60	ng/ul	0.02
22) 2-Nitrophenol-d4	10.04	143	104080	19.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	208186	20.95	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	267139	22.91	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	697078	20.38	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	803501	20.88	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	111468m	19.09	ng/ul	0.02
57) Fluorene-d10	15.79	176	650552	20.59	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	135576	20.19	ng/ul	0.01
70) Anthracene-d10	17.65	188	985057	20.89	ng/ul	0.01
76) Pyrene-d10	19.94	212	1057482	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	907528	20.70	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25661	8.62	ng/uL	90
4) Benzaldehyde	7.27	77	163664	22.09	ng/ul#	80
6) Phenol	7.32	94	262712	20.75	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.54	93	190735	20.76	ng/ul#	86
10) 2-Chlorophenol	7.70	128	175946	20.83	ng/ul#	81
11) 2-Methylphenol	8.58	108	196503	20.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.67	45	273953	21.79	ng/ul	98
14) Acetophenone	8.97	105	325150	21.36	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.94	70	195303	21.33	ng/ul#	90
16) 4-Methylphenol	8.91	108	226563	21.20	ng/ul	99
17) Hexachloroethane	9.23	117	71114	19.51	ng/ul#	69
20) Nitrobenzene	9.35	77	267356	19.88	ng/ul#	86
21) Isophorone	9.88	82	501560	20.28	ng/ul#	92
23) 2-Nitrophenol	10.08	139	114932	20.20	ng/ul#	76
24) 2,4-Dimethylphenol	10.13	107	250461	20.07	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.36	93	286160	20.06	ng/ul#	94
27) 2,4-Dichlorophenol	10.62	162	205809	20.53	ng/ul	94
28) Naphthalene	11.02	128	609055	20.61	ng/ul	99
30) 4-Chloroaniline	11.13	127	262164	22.65	ng/ul	97
31) Hexachlorobutadiene	11.29	225	133023	19.93	ng/ul	90
32) Caprolactam	11.88	113	80445	19.33	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.25	107	257865	19.99	ng/ul#	82
34) 2-Methylnaphthalene	12.62	142	488026	20.37	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.98	216	270462	21.09	ng/ul	94
37) Hexachlorocyclopentadiene	12.96	237	136756	19.28	ng/ul	94
38) 2,4,6-Trichlorophenol	13.23	196	188395	21.21	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	198943	20.89	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	657749	21.43	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	508066	21.29	ng/ul	97
42) 2-Nitroaniline	13.88	65	199222	20.44	ng/ul#	72
44) Dimethylphthalate	14.23	163	684996	20.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	147207	20.05	ng/ul#	81
47) Acenaphthylene	14.52	152	850894	21.14	ng/ul	97
48) 3-Nitroaniline	14.70	138	151579	21.96	ng/ul#	72
49) Acenaphthene	14.86	153	569471	20.76	ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	82891	18.30	ng/ul#	90
52) 4-Nitrophenol	15.02	109	99048m	16.94	ng/ul	
53) Dibenzofuran	15.19	168	842432	20.73	ng/ul#	86
54) 2,4-Dinitrotoluene	15.16	165	232024	20.86	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.42	232	191838	19.61	ng/ul	96
56) Diethylphthalate	15.60	149	721704	20.39	ng/ul	95
58) Fluorene	15.84	166	696965	20.59	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	346733	20.36	ng/ul	97
60) 4-Nitroaniline	15.87	138	160480	20.05	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.93	198	142798	20.26	ng/ul#	91
64) N-Nitrosodiphenylamine	16.04	169	626454	21.42	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	245925	20.49	ng/ul	94
66) Hexachlorobenzene	16.85	284	262527	20.53	ng/ul	95
67) Atrazine	17.00	200	250886	20.77	ng/ul	97
68) Pentachlorophenol	17.20	266	133472	18.92	ng/ul	90
69) Phenanthrene	17.59	178	1122889	20.72	ng/ul	98
71) Anthracene	17.69	178	1171882	21.19	ng/ul	98
72) Carbazole	17.96	167	998490	22.40	ng/ul	99
73) Di-n-butylphthalate	18.50	149	1190069	21.32	ng/ul#	95
74) Fluoranthene	19.60	202	1276229	23.00	ng/ul	95
77) Pyrene	19.97	202	1297821	21.01	ng/ul	96
78) Butylbenzylphthalate	20.84	149	506937	21.40	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.75	252	375974	21.36	ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1175284	20.89	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	684966	21.74	ng/ul#	98
82) Chrysene	21.91	228	1070636	20.93	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	1155233	23.62	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1177530	21.38	ng/ul#	95
86) Benzo(k)fluoranthene	24.24	252	1122890	20.71	ng/ul#	92
88) Benzo(a)pyrene	25.08	252	1094994	20.59	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	1267743	20.29	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.18	278	1077918	20.23	ng/ul#	91
91) Benzo(g,h,i)perylene	30.32	276	1043396m	20.14	ng/ul	

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

