

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019190.D
 Acq On : 13 Oct 2015 22:10
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02002

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:25 PM

Quant Time: Oct 14 04:48:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 03:54:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	80170	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	54480	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	130176	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	150411	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	145719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	2142	5.51	ng/uL	0.00
5) Phenol-d5	7.20	99	30445	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	19522	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	23019	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	24895	20.91	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	12054	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	13974	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	27028	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	34128	22.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	86791	20.20	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	104185	19.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	14916	17.19	ng/ul	0.00
58) Fluorene-d10	15.65	176	77385	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	13593	19.25	ng/ul	0.00
71) Anthracene-d10	17.50	188	121440	19.81	ng/ul	0.00
79) Pyrene-d10	19.79	212	135813	19.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	148063	19.86	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.51	88	2636	6.16 ng/uL#	57
4) Benzaldehyde	7.17	77	19731	21.99 ng/ul	88
6) Phenol	7.22	94	30985	20.06 ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.45	93	22077	18.96 ng/ul	96
10) 2-Chlorophenol	7.60	128	24168	20.47 ng/ul	97
11) 2-Methylphenol	8.47	108	24748	20.78 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.57	45	48634	21.29 ng/ul	97
14) Acetophenone	8.85	105	41015	22.25 ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.84	70	21522	21.71 ng/ul	88
16) 4-Methylphenol	8.80	108	26946	20.53 ng/ul	99
17) Hexachloroethane	9.12	117	9977	21.24 ng/ul	91
20) Nitrobenzene	9.23	77	33037	21.90 ng/ul	96
21) Isophorone	9.75	82	59328	20.16 ng/ul#	97
23) 2-Nitrophenol	9.95	139	14512	21.67 ng/ul#	78
24) 2,4-Dimethylphenol	10.01	107	33643	22.15 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.24	93	32543	18.70 ng/ul	98
27) 2,4-Dichlorophenol	10.48	162	26353	20.65 ng/ul	96
28) Naphthalene	10.89	128	81273	19.58 ng/ul	97
30) 4-Chloroaniline	10.99	127	34827	22.14 ng/ul	98
31) Hexachlorobutadiene	11.18	225	20125	24.75 ng/ul	92
32) Caprolactam	11.74	113	8702	20.23 ng/ul	86
33) 4-Chloro-3-methylphenol	12.12	107	32492	23.22 ng/ul	92
34) 2-Methylnaphthalene	12.49	142	64242	20.66 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	63153	20.70	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	36220	20.47	ng/ul#	96
38) Hexachlorocyclopentadiene	12.84	237	17662	15.53	ng/ul	96
39) 2,4,6-Trichlorophenol	13.10	196	23246	20.22	ng/ul	95
40) 2,4,5-Trichlorophenol	13.17	196	25626	20.76	ng/ul	99
41) 1,1'-Biphenyl	13.49	154	84854	19.11	ng/ul	98
42) 2-Chloronaphthalene	13.54	162	68779	19.95	ng/ul	95
43) 2-Nitroaniline	13.74	65	25967	23.18	ng/ul	87
45) Dimethylphthalate	14.11	163	87394	19.92	ng/ul	99
46) 2,6-Dinitrotoluene	14.23	165	18150	21.52	ng/ul	91
48) Acenaphthylene	14.38	152	112099	19.70	ng/ul	100
49) 3-Nitroaniline	14.56	138	17664	21.20	ng/ul	93
50) Acenaphthene	14.72	153	74523	19.31	ng/ul	96
51) 2,4-Dinitrophenol	14.76	184	6616	13.55	ng/ul	97
53) 4-Nitrophenol	14.87	109	15738	23.71	ng/ul#	76
54) Dibenzofuran	15.06	168	104266	19.85	ng/ul	90
55) 2,4-Dinitrotoluene	15.02	165	27253	22.09	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.28	232	23017	20.21	ng/ul	94
57) Diethylphthalate	15.47	149	88564	20.12	ng/ul	99
59) Fluorene	15.71	166	88870	20.08	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.70	204	44923	20.55	ng/ul	93
61) 4-Nitroaniline	15.72	138	17678	18.78	ng/ul#	75
64) 4,6-Dinitro-2-methylphenol	15.78	198	13418	17.99	ng/ul#	89
65) N-Nitrosodiphenylamine	15.91	169	76379	20.17	ng/ul	97
66) 4-Bromophenyl-phenylether	16.59	248	30016	21.13	ng/ul	91
67) Hexachlorobenzene	16.71	284	34320	21.24	ng/ul	95
68) Atrazine	16.86	200	33920	21.59	ng/ul	97
69) Pentachlorophenol	17.06	266	16083	15.86	ng/ul	91
70) Phenanthrene	17.45	178	143208	19.52	ng/ul	99
72) Anthracene	17.54	178	147623	19.97	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	36339	20.70	ng/uL	99
74) Pentachlorobenzene	14.98	250	38140	22.30	ng/uL	96
75) Carbazole	17.81	167	125772	19.72	ng/ul	97
76) Di-n-butylphthalate	18.37	149	157948	19.37	ng/ul	98
77) Fluoranthene	19.45	202	170415	19.95	ng/ul#	93
80) Pvrene	19.82	202	176056	19.45	ng/ul#	93
81) Butylbenzylphthalate	20.71	149	67504	19.66	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.57	252	56598	20.33	ng/ul	96
83) Benzo(a)anthracene	21.66	228	169790	19.56	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	96200	19.31	ng/ul	97
85) Chrysene	21.72	228	158328	19.33	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	165918	20.06	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	168675	19.65	ng/ul#	96
89) Benzo(k)fluoranthene	23.94	252	164050	19.62	ng/ul#	97
91) Benzo(a)pyrene	24.75	252	161832	19.46	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.58	276	172792m	18.13	ng/ul	
93) Dibenzo(a,h)anthracene	28.64	278	158730m	19.27	ng/ul	
94) Benzo(a,h,i)perylene	29.72	276	138334	17.44	ng/ul#	90

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

