

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018818.D
 Acq On : 22 Sep 2015 16:09
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02049

Manual Integrations
 APPROVED

MMDadoda
 9/23/2015 4:36:02 PM

Quant Time: Sep 23 04:51:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 22 03:49:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	61222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	266466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	180027	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	478211	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	555129	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	576132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	10049	7.89	ng/uL	0.00
5) Phenol-d5	7.17	99	101754	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	57958	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	79190	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	83038	20.36	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	41823	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	43240	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	86027	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	113021	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	295511	20.40	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	351126	20.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	55256	19.87	ng/ul	0.00
58) Fluorene-d10	15.61	176	259011	20.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	47302	20.90	ng/ul	0.00
71) Anthracene-d10	17.46	188	442698	21.03	ng/ul	0.00
79) Pyrene-d10	19.75	212	518671	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	581415	20.74	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	11123	8.08 ng/uL#	71
4) Benzaldehyde	7.14	77	65899	22.66 ng/ul	88
6) Phenol	7.19	94	104079	20.01 ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.42	93	81983	21.11 ng/ul	90
10) 2-Chlorophenol	7.56	128	82261	20.87 ng/ul	92
11) 2-Methylphenol	8.44	108	80447	20.12 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.53	45	90530	19.64 ng/ul#	89
14) Acetophenone	8.82	105	131362	21.14 ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.80	70	61778	19.28 ng/ul#	83
16) 4-Methylphenol	8.77	108	90380	20.56 ng/ul	94
17) Hexachloroethane	9.08	117	32412	20.63 ng/ul	91
20) Nitrobenzene	9.20	77	90430	19.32 ng/ul#	91
21) Isophorone	9.72	82	186557	19.56 ng/ul	97
23) 2-Nitrophenol	9.91	139	46336	20.25 ng/ul#	82
24) 2,4-Dimethylphenol	9.97	107	94011	19.82 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.20	93	113554	20.20 ng/ul	98
27) 2,4-Dichlorophenol	10.45	162	86081	20.12 ng/ul	97
28) Naphthalene	10.85	128	273725	20.18 ng/ul	99
30) 4-Chloroaniline	10.96	127	118711	23.08 ng/ul	97
31) Hexachlorobutadiene	11.14	225	53582	20.30 ng/ul	92
32) Caprolactam	11.71	113	35863m	20.47 ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	90748	19.90 ng/ul	98
34) 2-Methylnaphthalene	12.45	142	200363	20.00 ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	192061	20.01	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	110445	19.79	ng/ul	97
38) Hexachlorocyclopentadiene	12.80	237	56740	18.28	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.06	196	72574	20.03	ng/ul	93
40) 2,4,5-Trichlorophenol	13.13	196	78467	20.11	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	272194	19.98	ng/ul	97
42) 2-Chloronaphthalene	13.50	162	207671	20.00	ng/ul	97
43) 2-Nitroaniline	13.70	65	58736	19.08	ng/ul#	70
45) Dimethylphthalate	14.07	163	290459	20.68	ng/ul#	97
46) 2,6-Dinitrotoluene	14.20	165	60973	21.58	ng/ul#	83
48) Acenaphthylene	14.35	152	363339	19.89	ng/ul	99
49) 3-Nitroaniline	14.53	138	67710	22.58	ng/ul#	86
50) Acenaphthene	14.69	153	239865	19.49	ng/ul	99
51) 2,4-Dinitrophenol	14.73	184	20842	16.41	ng/ul#	76
53) 4-Nitrophenol	14.84	109	36622	19.21	ng/ul	93
54) Dibenzofuran	15.02	168	345910	20.04	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	91652	21.80	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.25	232	73429	19.48	ng/ul#	94
57) Diethylphthalate	15.44	149	300804	20.61	ng/ul	96
59) Fluorene	15.67	166	290677	19.93	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.66	204	141087	20.30	ng/ul	91
61) 4-Nitroaniline	15.69	138	78633	22.81	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.75	198	47776	20.57	ng/ul#	87
65) N-Nitrosodiphenylamine	15.87	169	250813	20.02	ng/ul	95
66) 4-Bromophenyl-phenylether	16.55	248	96453	20.59	ng/ul	92
67) Hexachlorobenzene	16.68	284	109866	21.15	ng/ul	94
68) Atrazine	16.82	200	119467	21.66	ng/ul	99
69) Pentachlorophenol	17.02	266	54758	18.08	ng/ul	92
70) Phenanthrene	17.41	178	500499	20.59	ng/ul	98
72) Anthracene	17.50	178	502556	20.61	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	111937	19.67	ng/uL	98
74) Pentachlorobenzene	14.94	250	115738	20.83	ng/uL	95
75) Carbazole	17.77	167	488055	22.54	ng/ul	98
76) Di-n-butylphthalate	18.32	149	586102	21.43	ng/ul	98
77) Fluoranthene	19.42	202	643067	23.86	ng/ul	97
80) Pyrene	19.78	202	658616	20.18	ng/ul	99
81) Butylbenzylphthalate	20.66	149	258638	20.65	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.52	252	243613	24.75	ng/ul	98
83) Benzo(a)anthracene	21.61	228	639927	20.79	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	391732	21.10	ng/ul#	97
85) Chrysene	21.67	228	591966	20.85	ng/ul	97
87) Di-n-octyl phthalate	22.71	149	674706	22.13	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	669423	20.55	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	637138	20.42	ng/ul	98
91) Benzo(a)pyrene	24.67	252	633049	20.44	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.44	276	747622	20.82	ng/ul	97
93) Dibenzo(a,h)anthracene	28.50	278	623645	21.64	ng/ul	96
94) Benzo(g,h,i)perylene	29.57	276	629260	21.00	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

