

Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
 Data File : BG019500.D
 Acq On : 5 Nov 2015 19:57
 Operator : UM/NP
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02003

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:55 PM

Quant Time: Nov 06 06:49:42 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43407	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	182030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	144660	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	397719	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	518082	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	484816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	7302	8.06	ng/uL	0.00
5) Phenol-d5	7.33	99	84555	21.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	53600	21.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	53172	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	66846	21.06	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	27458	20.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	32787	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	70333	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	76325	21.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	235484	19.74	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	264272	20.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	39430	20.81	ng/ul	0.00
58) Fluorene-d10	15.79	176	213737	19.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	50763	19.72	ng/ul	0.00
71) Anthracene-d10	17.65	188	363072	20.03	ng/ul	0.00
79) Pyrene-d10	19.92	212	439265	19.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	490421	20.16	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.53	88	9236	8.95	ng/uL#	83
4) Benzaldehyde	7.30	77	63645	24.56	ng/ul	99
6) Phenol	7.35	94	89094	20.99	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.59	93	64062	21.97	ng/ul	95
10) 2-Chlorophenol	7.74	128	52042	20.32	ng/ul	93
11) 2-Methylphenol	8.62	108	65214	20.77	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.71	45	53894	23.06	ng/ul	95
14) Acetophenone	9.01	105	113999	21.40	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.98	70	72447	20.74	ng/ul#	89
16) 4-Methylphenol	8.95	108	70775	20.65	ng/ul	97
17) Hexachloroethane	9.27	117	26028	19.46	ng/ul	94
20) Nitrobenzene	9.40	77	103887	19.86	ng/ul	97
21) Isophorone	9.92	82	192061	20.27	ng/ul	97
23) 2-Nitrophenol	10.11	139	35190	19.51	ng/ul#	79
24) 2,4-Dimethylphenol	10.16	107	92687	19.67	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.39	93	94526	21.07	ng/ul#	98
27) 2,4-Dichlorophenol	10.65	162	64910	19.72	ng/ul	93
28) Naphthalene	11.06	128	179824	19.74	ng/ul	95
30) 4-Chloroaniline	11.16	127	81572	22.33	ng/ul	98
31) Hexachlorobutadiene	11.33	225	62537	18.59	ng/ul	89
32) Caprolactam	11.91	113	26107m	22.12	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	89756	20.31	ng/ul#	97
34) 2-Methylnaphthalene	12.65	142	143451	19.60	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	141676	20.46	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	117310	19.67	ng/ul#	96
38) Hexachlorocyclopentadiene	12.99	237	65513	14.81	ng/ul	91
39) 2,4,6-Trichlorophenol	13.25	196	69414	19.69	ng/ul	97
40) 2,4,5-Trichlorophenol	13.33	196	76430	19.76	ng/ul	93
41) 1,1'-Biphenyl	13.64	154	204545	20.00	ng/ul#	93
42) 2-Chloronaphthalene	13.69	162	163750	20.53	ng/ul	93
43) 2-Nitroaniline	13.89	65	71131	20.85	ng/ul	97
45) Dimethylphthalate	14.25	163	231228	18.96	ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	51092	20.69	ng/ul	89
48) Acenaphthylene	14.54	152	269500	19.91	ng/ul	98
49) 3-Nitroaniline	14.71	138	42659	20.07	ng/ul	86
50) Acenaphthene	14.87	153	182214	19.94	ng/ul	97
51) 2,4-Dinitrophenol	14.91	184	32482	17.50	ng/ul	92
53) 4-Nitrophenol	15.01	109	55776	18.88	ng/ul#	80
54) Dibenzofuran	15.21	168	269141	20.00	ng/ul	100
55) 2,4-Dinitrotoluene	15.16	165	77215	19.80	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.43	232	77911	19.27	ng/ul#	94
57) Diethylphthalate	15.61	149	228815	19.00	ng/ul	99
59) Fluorene	15.85	166	233357	19.88	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.83	204	134227	19.24	ng/ul	98
61) 4-Nitroaniline	15.86	138	48712	19.95	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	53592	19.25	ng/ul#	94
65) N-Nitrosodiphenylamine	16.05	169	205580	19.98	ng/ul	92
66) 4-Bromophenyl-phenylether	16.73	248	93750	19.83	ng/ul	96
67) Hexachlorobenzene	16.85	284	99410	19.82	ng/ul	97
68) Atrazine	16.99	200	105277	20.65	ng/ul	98
69) Pentachlorophenol	17.20	266	58562	19.78	ng/ul	93
70) Phenanthrene	17.59	178	401300	19.99	ng/ul	96
72) Anthracene	17.69	178	411636	20.12	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	114338	19.84	ng/uL	90
74) Pentachlorobenzene	15.12	250	112754	19.41	ng/uL	91
75) Carbazole	17.95	167	346222	21.21	ng/ul	96
76) Di-n-butylphthalate	18.49	149	419398	20.73	ng/ul	98
77) Fluoranthene	19.59	202	543798	20.93	ng/ul#	94
80) Pvrene	19.95	202	561242	19.30	ng/ul#	92
81) Butylbenzylphthalate	20.82	149	191607	20.28	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.72	252	211199	20.81	ng/ul#	95
83) Benzo(a)anthracene	21.81	228	598262	19.83	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	280451	20.89	ng/ul	100
85) Chrysene	21.88	228	556632	19.67	ng/ul	96
87) Di-n-octyl phthalate	22.94	149	477857	21.77	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	570046	19.94	ng/ul#	96
89) Benzo(k)fluoranthene	24.18	252	545510	19.82	ng/ul#	99
91) Benzo(a)pyrene	25.02	252	541112	19.70	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.01	276	615795	19.90	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.08	278	512164	19.82	ng/ul	99
94) Benzo(a,h,i)perylene	30.21	276	517219	22.02	ng/ul#	90

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

