

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021489.D
 Acq On : 24 Mar 2016 17:44
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02017

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:01:11 PM

Quant Time: Mar 25 01:18:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:02:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	10169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	49784	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	34049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	86152	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	101326	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	96337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2147	9.47	ng/uL	0.00
5) Phenol-d5	7.33	99	21466	22.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12999	22.82	ng/ul	0.01
9) 2-Chlorophenol-d4	7.64	132	16159	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	20159	24.48	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8710	23.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	9508	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	17278	22.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	23862	23.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	61422	21.66	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	74397	21.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	8825	19.47	ng/ul	0.00
58) Fluorene-d10	15.66	176	54906	21.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11808	20.75	ng/ul	0.00
71) Anthracene-d10	17.51	188	89379	21.17	ng/ul	0.00
79) Pyrene-d10	19.79	212	101226	21.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	95740	21.53	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	2672	8.73	ng/uL# 82
4) Benzaldehyde	7.21	77	14396	24.58	ng/ul 96
6) Phenol	7.36	94	21752	21.40	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.49	93	15949	21.68	ng/ul 87
10) 2-Chlorophenol	7.67	128	16458	21.93	ng/ul 92
11) 2-Methylphenol	8.58	108	17128	21.90	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.59	45	19198	21.63	ng/ul# 1
14) Acetophenone	8.89	105	29311	21.82	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.87	70	17118	22.98	ng/ul 97
16) 4-Methylphenol	8.91	108	18827	21.22	ng/ul 85
17) Hexachloroethane	9.15	117	6972	22.14	ng/ul 93
20) Nitrobenzene	9.28	77	23600	22.37	ng/ul 93
21) Isophorone	9.79	82	46147	22.69	ng/ul 97
23) 2-Nitrophenol	9.99	139	10328	21.91	ng/ul 98
24) 2,4-Dimethylphenol	10.08	107	23839	22.41	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.27	93	23620	22.30	ng/ul 94
27) 2,4-Dichlorophenol	10.60	162	18237	23.01	ng/ul 94
28) Naphthalene	10.92	128	55915	21.18	ng/ul 99
30) 4-Chloroaniline	11.03	127	25284	24.15	ng/ul 98
31) Hexachlorobutadiene	11.19	225	12093	20.72	ng/ul 94
32) Caprolactam	11.79	113	7245m	24.34	ng/ul
33) 4-Chloro-3-methylphenol	12.24	107	22975	23.74	ng/ul 88
34) 2-Methylnaphthalene	12.51	142	43298	22.10	ng/ul 93

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35) 1-Methylnaphthalene	12.73	142	42138	22.17	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	25181	21.13	ng/ul#	91
38) Hexachlorocyclopentadiene	12.86	237	6230	14.27	ng/ul	100
39) 2,4,6-Trichlorophenol	13.14	196	15462	22.07	ng/ul	95
40) 2,4,5-Trichlorophenol	13.30	196	17450	22.82	ng/ul#	95
41) 1,1'-Biphenyl	13.51	154	58670	21.06	ng/ul	94
42) 2-Chloronaphthalene	13.56	162	45722	20.99	ng/ul	98
43) 2-Nitroaniline	13.78	65	17003	22.38	ng/ul#	83
45) Dimethylphthalate	14.13	163	64999	22.06	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	13522	22.50	ng/ul	88
48) Acenaphthylene	14.40	152	75298	21.75	ng/ul	99
49) 3-Nitroaniline	14.59	138	13909	25.01	ng/ul#	82
50) Acenaphthene	14.74	153	51548	21.58	ng/ul	94
51) 2,4-Dinitrophenol	14.81	184	5777	19.08	ng/ul#	82
53) 4-Nitrophenol	15.08	109	10378	22.08	ng/ul#	1
54) Dibenzofuran	15.08	168	72853	21.78	ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	20214	22.94	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	15.32	232	13260	23.72	ng/ul	96
57) Diethylphthalate	15.48	149	69474	22.07	ng/ul	99
59) Fluorene	15.72	166	63297	21.64	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	33477	21.79	ng/ul	96
61) 4-Nitroaniline	15.76	138	13632m	23.39	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.81	198	12560	20.90	ng/ul	98
65) N-Nitrosodiphenylamine	15.92	169	56433	21.14	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	21202	21.07	ng/ul	93
67) Hexachlorobenzene	16.72	284	22278	20.99	ng/ul	93
68) Atrazine	16.87	200	23191	21.54	ng/ul	99
69) Pentachlorophenol	17.09	266	4987	17.77	ng/ul	92
70) Phenanthrene	17.46	178	103336	21.18	ng/ul	98
72) Anthracene	17.55	178	107014	21.56	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	24874	20.62	ng/uL	87
74) Pentachlorobenzene	14.99	250	25289	20.19	ng/uL	97
75) Carbazole	17.83	167	91881	21.39	ng/ul	95
76) Di-n-butylphthalate	18.36	149	117997	21.29	ng/ul	100
77) Fluoranthene	19.46	202	125217	21.27	ng/ul#	93
80) Pvrene	19.82	202	128738	21.32	ng/ul	95
81) Butylbenzylphthalate	20.69	149	56654	22.22	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.56	252	48891	23.27	ng/ul#	98
83) Benzo(a)anthracene	21.65	228	132878	21.72	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	82094	22.01	ng/ul	98
85) Chrysene	21.72	228	124876	21.56	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	140161	21.43	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	133429	21.56	ng/ul	99
89) Benzo(k)fluoranthene	23.92	252	131155	21.58	ng/ul	98
91) Benzo(a)pyrene	24.73	252	131119	21.83	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.54	276	146271	21.42	ng/ul	96
93) Dibenzo(a,h)anthracene	28.59	278	124535	21.44	ng/ul#	96
94) Benzo(a,h,i)perylene	29.68	276	121537	21.65	ng/ul	98

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

