

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021395.D
 Acq On : 10 Mar 2016 6:16
 Operator : UM/SJ
 Sample : SSTD00524
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00524

Manual Integrations
 APPROVED

Sohil
 3/11/2016 5:27:17 PM

Quant Time: Mar 10 10:16:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 10 10:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	47389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	31511	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	78835	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	83207	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	77860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	317	1.44	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.64	132	3358	4.43	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.28	128	1832	4.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	1833	4.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	3494	4.53	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	13522	4.81	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	16431	4.97	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.72	176	12116	4.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.56	188	19290	4.94	ng/ul	0.00
79) Pyrene-d10	19.84	212	20937	4.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	20177	4.80	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	552	1.65	ng/uL#	80
10) 2-Chlorophenol	7.68	128	3792	4.71	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.91	70	4419	4.64	ng/ul#	91
17) Hexachloroethane	9.20	117	1769	5.04	ng/ul#	84
20) Nitrobenzene	9.33	77	5870	4.63	ng/ul	95
21) Isophorone	9.84	82	11935	4.71	ng/ul	99
23) 2-Nitrophenol	10.04	139	2287	4.50	ng/ul#	92
24) 2,4-Dimethylphenol	10.09	107	5426	4.73	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.32	93	5685	4.68	ng/ul	94
27) 2,4-Dichlorophenol	10.57	162	3794	4.73	ng/ul#	91
28) Naphthalene	10.98	128	12770	4.78	ng/ul	95
31) Hexachlorobutadiene	11.25	225	2622	5.07	ng/ul	97
33) 4-Chloro-3-methylphenol	12.19	107	5457	4.77	ng/ul#	95
34) 2-Methylnaphthalene	12.57	142	9727	4.94	ng/ul	99
35) 1-Methylnaphthalene	12.79	142	9218	4.94	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	5029	4.92	ng/ul	97
39) 2,4,6-Trichlorophenol	13.17	196	3514	4.50	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.24	196	4053	4.65	ng/ul#	87
41) 1,1'-Biphenyl	13.57	154	12961	4.93	ng/ul	92
42) 2-Chloronaphthalene	13.61	162	9876	4.83	ng/ul	95
43) 2-Nitroaniline	13.81	65	4800	4.77	ng/ul	86
45) Dimethylphthalate	14.17	163	14602	4.91	ng/ul#	97
46) 2,6-Dinitrotoluene	14.30	165	2883	4.66	ng/ul	99

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48) Acenaphthylene	14.45	152	16658	4.86	ng/ul	99
50) Acenaphthene	14.80	153	11663	5.00	ng/ul	100
54) Dibenzofuran	15.12	168	16255	4.99	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	4609	4.92	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.35	232	3578	4.75	ng/ul#	89
57) Diethylphthalate	15.53	149	15898	4.76	ng/ul	98
59) Fluorene	15.77	166	14376	5.05	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.76	204	7182	5.01	ng/ul	89
65) N-Nitrosodiphenylamine	15.97	169	12699	4.94	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	4098	4.78	ng/ul	91
67) Hexachlorobenzene	16.77	284	4648	5.56	ng/ul	96
70) Phenanthrene	17.51	178	23074	4.96	ng/ul	97
72) Anthracene	17.60	178	23072	4.87	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	4636	4.77	ng/uL	91
74) Pentachlorobenzene	15.04	250	5219	5.08	ng/uL	96
76) Di-n-butylphthalate	18.41	149	27478	4.83	ng/ul	100
80) Pyrene	19.87	202	27142	4.93	ng/ul	98
81) Butylbenzylphthalate	20.74	149	12684	4.91	ng/ul	99
83) Benzo(a)anthracene	21.71	228	27160	5.06	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	18857	4.93	ng/ul#	84
85) Chrysene	21.78	228	24734	4.99	ng/ul	97
88) Benzo(b)fluoranthene	23.95	252	25789	4.85	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	25998	4.99	ng/ul	98
91) Benzo(a)pyrene	24.83	252	26472	5.12	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.68	276	27697m	4.79	ng/ul	
93) Dibenzo(a,h)anthracene	28.76	278	23538	4.82	ng/ul	96
94) Benzo(g,h,i)perylene	29.84	276	23415m	4.94	ng/ul	

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

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