

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021493.D
 Acq On : 24 Mar 2016 20:23
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T45MSD

Quant Time: Mar 25 01:50:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.88	136	906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	1672	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	2307	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	1337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/ul	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.41	188	1672	20.41	ng/ul	-0.10
79) Pyrene-d10	19.79	212	209	1.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	173	2.80	ng/ul	0.09

Target Compounds

						Ovalue
28) Naphthalene	10.92	128	829	17.26	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.26	107	117	6.64	ng/ul#	27
34) 2-Methylnaphthalene	12.52	142	218	6.12	ng/ul	89
35) 1-Methylnaphthalene	12.74	142	145	4.19	ng/ul#	81
45) Dimethylphthalate	14.12	163	14738	289.70	ng/ul	100
48) Acenaphthylene	14.40	152	1922	32.14	ng/ul#	69
50) Acenaphthene	14.74	153	5970	144.76	ng/ul	91
54) Dibenzofuran	15.07	168	4382	75.84	ng/ul	87
57) Diethylphthalate	15.49	149	83	1.53	ng/ul#	59
59) Fluorene	15.72	166	9298	184.07	ng/ul#	96
65) N-Nitrosodiphenylamine	15.93	169	374	7.22	ng/ul#	24
70) Phenanthrene	17.46	178	211221	2230.75	ng/ul	99
72) Anthracene	17.55	178	62060	644.14	ng/ul	98
75) Carbazole	17.83	167	6776	81.29	ng/ul	94
76) Di-n-butylphthalate	18.35	149	1119	10.40	ng/ul#	58
77) Fluoranthene	19.46	202	437672	3830.19	ng/ul	95
80) Pyrene	19.82	202	390359	2839.83	ng/ul#	94
81) Butylbenzylphthalate	20.68	149	219	3.77	ng/ul#	76
82) 3,3'-Dichlorobenzidine	21.69	252	56	1.17	ng/ul#	25
83) Benzo(a)anthracene	21.65	228	205188	1473.38	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	2801	32.99	ng/ul#	93
85) Chrysene	21.72	228	174253	1321.19	ng/ul	97
87) Di-n-octyl phthalate	22.73	149	133	1.47	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.87	252	194213	2261.42	ng/ul	98
89) Benzo(k)fluoranthene	23.87	252	194213	2302.18	ng/ul	99
91) Benzo(a)pyrene	24.58	252	85423	1024.60	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.53	276	84378	890.52	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.41	278	1824	22.63	ng/ul	92
94) Benzo(a,h,i)perylene	29.69	276	71482	917.42	ng/ul	94

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

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