

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080615\
 Data File : BG018305.D
 Acq On : 6 Aug 2015 15:20
 Operator : UM/TP
 Sample : G3109-15DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C01W3DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:12:38 AM

Quant Time: Aug 14 03:17:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	23166	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	98390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	71921	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	152983	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	94490	20.00	ng/ul	-0.01
86) Perylene-d12	23.26	264	83229	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	7149	3.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	3704	4.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	5877	3.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	3853	2.51	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	3220	4.23	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	3853	4.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	6283	3.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	24343	4.38	ng/ul	-0.01
47) Acenaphthylene-d8	13.80	160	24982	3.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	1981	2.16	ng/ul	0.00
58) Fluorene-d10	15.11	176	19915	3.99	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.28	200	1202	1.13	ng/ul	0.00
71) Anthracene-d10	16.97	188	27144	4.03	ng/ul	-0.01
79) Pyrene-d10	19.29	212	22691	4.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	16022	3.70	ng/ul	-0.02

Target Compounds

						Qvalue
28) Naphthalene	10.26	128	10517	2.27	ng/ul#	95
34) 2-Methylnaphthalene	11.89	142	6079	1.64	ng/ul	95
45) Dimethylphthalate	13.58	163	9740	1.76	ng/ul#	95
50) Acenaphthene	14.18	153	23682	5.63	ng/ul#	89
54) Dibenzofuran	14.52	168	19032	3.08	ng/ul	91
59) Fluorene	15.17	166	38542	7.09	ng/ul	94
70) Phenanthrene	16.92	178	392896	50.89	ng/ul	96
72) Anthracene	17.01	178	94674	12.29	ng/ul	97
75) Carbazole	17.29	167	15956	2.45	ng/ul#	92
76) Di-n-butylphthalate	17.86	149	14467	1.59	ng/ul	97
77) Fluoranthene	18.95	202	321299	37.52	ng/ul#	96
80) Pyrene	19.32	202	304259	46.31	ng/ul	98
83) Benzo(a)anthracene	21.07	228	99340	19.92	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.01	149	12794	4.17	ng/ul#	94
85) Chrysene	21.13	228	81445m	18.17	ng/ul	
88) Benzo(b)fluoranthene	22.61	252	91841	17.99	ng/ul#	98
89) Benzo(k)fluoranthene	22.64	252	30888m	6.31	ng/ul	
91) Benzo(a)pyrene	23.16	252	68385m	15.34	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.44	276	45174	8.19	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	12579m	2.60	ng/ul	
94) Benzo(g,h,i)perylene	26.10	276	36923	8.25	ng/ul	92

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

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