

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:43 PM

Quant Time: Aug 14 03:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	43105	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	193886	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	116558	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	187759	20.00	ng/ul	0.01
78) Chrysene-d12	21.12	240	170671	20.00	ng/ul	0.02
86) Perylene-d12	23.31	264	148244m	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	797	1.40	ng/uL	0.00
5) Phenol-d5	6.66	99	62480	16.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	30954	15.62	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	52839	18.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	24594	7.79	ng/ul	0.02
19) Nitrobenzene-d5	8.61	128	28703	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	33450	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	54699	17.66	ng/ul	0.01
29) 4-Chloroaniline-d4	10.40	131	5911	1.53	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	174842	19.41	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	205159	19.64	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	21147	12.69	ng/ul	0.01
58) Fluorene-d10	15.14	176	149516	18.34	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	12695	9.68	ng/ul	0.02
71) Anthracene-d10	17.01	188	163714	20.05	ng/ul	0.02
79) Pyrene-d10	19.32	212	128748	15.59	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.17	264	153269m	20.44	ng/ul	0.05

Target Compounds

						Qvalue
28) Naphthalene	10.29	128	58620	6.28	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	24076	3.26	ng/ul	96
41) 1,1'-Biphenyl	12.96	154	15040	1.81	ng/ul#	89
45) Dimethylphthalate	13.60	163	70097	7.82	ng/ul#	95
48) Acenaphthylene	13.86	152	111442	10.74	ng/ul	98
50) Acenaphthene	14.20	153	116314	17.22	ng/ul	93
54) Dibenzofuran	14.54	168	207921m	20.43	ng/ul	
59) Fluorene	15.20	166	283047	32.24	ng/ul	96
70) Phenanthrene	16.96	178	3094842m	324.46	ng/ul	
72) Anthracene	17.04	178	636264	67.05	ng/ul	99
75) Carbazole	17.32	167	189725	24.06	ng/ul	98
76) Di-n-butylphthalate	17.88	149	13475	1.28	ng/ul#	81
77) Fluoranthene	19.00	202	3403032m	324.84	ng/ul	
80) Pyrene	19.37	202	2805656	271.02	ng/ul	98
83) Benzo(a)anthracene	21.11	228	1684932	183.32	ng/ul#	89
85) Chrysene	21.17	228	1540483	182.98	ng/ul#	90
88) Benzo(b)fluoranthene	22.68	252	2115576m	237.55	ng/ul	
89) Benzo(k)fluoranthene	22.70	252	753213m	92.03	ng/ul	
91) Benzo(a)pyrene	23.23	252	1514343m	190.07	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.54	276	788137m	85.51	ng/ul	
93) Dibenzo(a,h)anthracene	25.54	278	184284m	23.35	ng/ul	
94) Benzo(g,h,i)perylene	26.22	276	594326m	78.95	ng/ul	

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

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