

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018260.D
 Acq On : 4 Aug 2015 19:30
 Operator : UM/TP
 Sample : G3109-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02L4

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:16 PM

Quant Time: Aug 14 03:03:02 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	7.45	152	45380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	196336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	126115	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	243316	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	163531	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	154451	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1136	1.89	ng/uL	0.00
5) Phenol-d5	6.66	99	54505	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	26874	12.88	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	44815	14.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	25002	7.52	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	23298	15.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	28319	15.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	47695	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	5044	1.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	153552	15.76	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	185260	16.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	19688	10.92	ng/ul	0.00
58) Fluorene-d10	15.13	176	139308	15.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	22413	13.19	ng/ul	0.00
71) Anthracene-d10	16.99	188	179308	16.95	ng/ul	0.00
79) Pyrene-d10	19.30	212	148149	18.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	126517	16.20	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.28	128	49470	5.23	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	12627	1.69	ng/ul	99
45) Dimethylphthalate	13.59	163	60405	6.23	ng/ul	99
48) Acenaphthylene	13.85	152	34178	3.05	ng/ul#	96
50) Acenaphthene	14.19	153	71289	9.75	ng/ul	97
54) Dibenzofuran	14.53	168	52697	4.79	ng/ul#	73
59) Fluorene	15.19	166	80549	8.48	ng/ul	97
70) Phenanthrene	16.94	178	1068429	86.44	ng/ul	99
72) Anthracene	17.02	178	238309	19.38	ng/ul	97
75) Carbazole	17.30	167	100955	9.88	ng/ul	100
76) Di-n-butylphthalate	17.87	149	17938	1.32	ng/ul#	91
77) Fluoranthene	18.98	202	1683316m	123.99	ng/ul	
80) Pyrene	19.34	202	1563425	157.62	ng/ul#	94
83) Benzo(a)anthracene	21.09	228	699437	79.42	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	15029	2.76	ng/ul#	96
85) Chrysene	21.14	228	672331	83.34	ng/ul	96
88) Benzo(b)fluoranthene	22.65	252	1109038	119.53	ng/ul#	96
89) Benzo(k)fluoranthene	22.68	252	349976m	41.04	ng/ul	
91) Benzo(a)pyrene	23.20	252	796762	95.98	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.50	276	542824	56.53	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.50	278	148052	18.00	ng/ul#	85
94) Benzo(g,h,i)perylene	26.18	276	492255	62.77	ng/ul#	89

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

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