

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081015\
 Data File : BM002317.D
 Acq On : 10 Aug 2015 17:50
 Operator : UM/IZ
 Sample : G3065-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02A2DL

Manual Integrations
 APPROVED

MMDadoda
 8/11/2015 10:53:17 AM

Quant Time: Aug 11 03:56:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:34:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215144	20.00	ng/ul	0.00
18) Naphthalene-d8	11.77	136	1013100	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.49	164	526590	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.20	188	1018543	20.00	ng/ul	0.00
78) Chrysene-d12	22.29	240	697075	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	657783	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.92	96	1162	0.25	ng/uL	0.00
5) Phenol-d5	7.99	99	32493	1.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.18	67	19982	1.74	ng/ul	0.00
9) 2-Chlorophenol-d4	8.41	132	28224	1.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.59	113	27442	1.65	ng/ul	0.00
19) Nitrobenzene-d5	10.09	128	14940	1.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.83	143	12706	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.37	165	26369	1.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.86	131	33532	1.71	ng/ul	-0.02
44) Dimethylphthalate-d6	14.86	166	82761	1.91	ng/ul	0.00
47) Acenaphthylene-d8	15.19	160	110550	2.03	ng/ul	0.00
52) 4-Nitrophenol-d4	15.62	143	7484	0.96	ng/ul	0.00
58) Fluorene-d10	16.46	176	76784	2.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	18.29	188	103844	2.10	ng/ul	0.00
79) Pyrene-d10	20.51	212	93691	2.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	74858	2.14	ng/ul	0.00

Target Compounds

						Qvalue
16) 4-Methylphenol	9.65	108	55643	3.22	ng/ul	94
24) 2,4-Dimethylphenol	10.89	107	117475m	6.27	ng/ul	
28) Naphthalene	11.83	128	179222	3.36	ng/ul	99
34) 2-Methylnaphthalene	13.37	142	126262	3.31	ng/ul	99
35) 1-Methylnaphthalene	13.58	142	81835m	2.18	ng/ul	
45) Dimethylphthalate	14.90	163	165722	3.75	ng/ul#	94
50) Acenaphthene	15.54	153	92520	2.43	ng/ul	98
54) Dibenzofuran	15.87	168	74904	1.47	ng/ul	97
59) Fluorene	16.51	166	116488	2.72	ng/ul#	93
70) Phenanthrene	18.24	178	794691	13.56	ng/ul	99
72) Anthracene	18.33	178	205456	3.39	ng/ul	97
75) Carbazole	18.58	167	80713	1.47	ng/ul#	87
77) Fluoranthene	20.19	202	876152	14.12	ng/ul	99
80) Pyrene	20.54	202	784364	17.41	ng/ul	99
81) Butylbenzylphthalate	21.36	149	92900	4.17	ng/ul	97
83) Benzo(a)anthracene	22.27	228	292098	6.86	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	22.12	149	1816221	56.41	ng/ul	99
85) Chrysene	22.33	228	295971	7.34	ng/ul#	94
88) Benzo(b)fluoranthene	24.15	252	360382	8.81	ng/ul#	81
89) Benzo(k)fluoranthene	24.20	252	133029m	3.39	ng/ul	
91) Benzo(a)pyrene	24.86	252	261113	6.67	ng/ul#	78
92) Indeno(1,2,3-cd)pyrene	27.83	276	188167	4.20	ng/ul	96
94) Benzo(g,h,i)perylene	28.72	276	180812	4.78	ng/ul#	90

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

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