

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002792.D
 Acq On : 30 Sep 2015 21:23
 Operator : UM/IZ
 Sample : G3798-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G67

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:43:03 PM

Quant Time: Oct 01 08:01:56 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	89086	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	362889	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	161839	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	281001	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	271097	20.00	ng/ul	0.00
86) Perylene-d12	24.71	264	297918m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	4806	2.51	ng/uL	0.00
5) Phenol-d5	7.82	99	103818	15.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	58725	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	96406	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	76677	13.78	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	44219	15.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	46037	15.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	76384	14.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	27876	4.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	209316	17.19	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	266381	16.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	27936	12.92	ng/ul	0.00
58) Fluorene-d10	16.27	176	168891	15.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	7662	5.59	ng/ul	0.00
71) Anthracene-d10	18.11	188	226736	16.91	ng/ul	0.00
79) Pyrene-d10	20.34	212	215744	17.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.54	264	256776m	16.85	ng/ul	0.02

Target Compounds

					Ovalue
28) Naphthalene	11.61	128	41947	2.26 ng/ul	98
34) 2-Methylnaphthalene	13.17	142	24986	1.94 ng/ul	99
35) 1-Methylnaphthalene	13.39	142	17812m	1.42 ng/ul	
45) Dimethylphthalate	14.72	163	139139	11.24 ng/ul	99
48) Acenaphthylene	15.03	152	333508	19.46 ng/ul	100
50) Acenaphthene	15.36	153	14160	1.25 ng/ul	93
54) Dibenzofuran	15.69	168	15592	1.02 ng/ul	99
59) Fluorene	16.33	166	18609	1.48 ng/ul#	94
70) Phenanthrene	18.05	178	211322	13.00 ng/ul	99
72) Anthracene	18.14	178	443040	26.78 ng/ul	100
75) Carbazole	18.40	167	72743	5.04 ng/ul	98
77) Fluoranthene	20.02	202	1219307	72.65 ng/ul	99
80) Pyrene	20.37	202	1246183	72.37 ng/ul	100
81) Butylbenzylphthalate	21.18	149	11039	1.42 ng/ul#	84
83) Benzo(a)anthracene	22.09	228	1071361	66.48 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	73406	6.30 ng/ul	99
85) Chrysene	22.14	228	1025652	67.47 ng/ul	95
88) Benzo(b)fluoranthene	23.91	252	1976749m	110.45 ng/ul	
89) Benzo(k)fluoranthene	23.96	252	658977m	38.89 ng/ul	
91) Benzo(a)pyrene	24.60	252	1108802m	64.50 ng/ul	
92) Indeno(1,2,3-cd)pyrene	27.46	276	901693m	44.96 ng/ul	
93) Dibenzo(a,h)anthracene	27.45	278	285309m	16.84 ng/ul	
94) Benzo(g,h,i)perylene	28.32	276	892831m	52.87 ng/ul	

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

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