

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
 Data File : BM010570.D
 Acq On : 13 Jun 2017 21:08
 Operator : SJ/MA
 Sample : I3558-13 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C86

Manual Integrations
 APPROVED

mohammad
 6/14/2017 2:57:38 PM

Quant Time: Jun 14 13:56:25 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 14 01:46:30 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	116517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	409651	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	272202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	765991m	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1253575	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1128305	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	676	0.24	ng/uL	0.01
5) Phenol-d5	7.06	99	12672	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	7931	1.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	12661	1.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	11456	1.61	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	8662	2.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	6568	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	13720	1.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	55289	8.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	64886	2.87	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	63464	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	5055	1.49	ng/ul	0.01
57) Fluorene-d10	15.51	176	52157	2.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	351	0.06	ng/ul	0.14
70) Anthracene-d10	17.37	188	89093	2.39	ng/ul	0.00
76) Pyrene-d10	19.66	212	129965	2.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	115879	2.21	ng/ul	0.00

Target Compounds

					Qvalue
24) 2,4-Dimethylphenol	9.86	107	27530	3.213 ng/ul	88
28) Naphthalene	10.74	128	28956185m	1409.266 ng/ul	
34) 2-Methylnaphthalene	12.35	142	13354825	857.264 ng/ul	96
40) 1,1'-Biphenyl	13.35	154	2454343	111.148 ng/ul	99
44) Dimethylphthalate	13.99	163	22485	1.011 ng/ul	96
47) Acenaphthylene	14.24	152	420390	16.305 ng/ul#	94
49) Acenaphthene	14.59	153	10039143	555.203 ng/ul	99
53) Dibenzofuran	14.93	168	11444165	428.019 ng/ul	92
58) Fluorene	15.57	166	12376767	564.319 ng/ul	97
69) Phenanthrene	17.32	178	24604276m	601.681 ng/ul	
71) Anthracene	17.42	178	11222762m	262.888 ng/ul	
72) Carbazole	17.70	167	5163561	142.901 ng/ul	99
74) Fluoranthene	19.32	202	18968508m	377.210 ng/ul	
77) Pyrene	19.69	202	16969851m	262.701 ng/ul	
80) Benzo(a)anthracene	21.43	228	7059181	99.860 ng/ul	98
82) Chrysene	21.48	228	5402832m	84.548 ng/ul	
85) Benzo(b)fluoranthene	23.06	252	3453588	52.603 ng/ul#	99
86) Benzo(k)fluoranthene	23.10	252	1200398m	19.139 ng/ul	
88) Benzo(a)pyrene	23.67	252	2143179m	32.933 ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.14	276	706702	8.595 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	209521m	2.959 ng/ul	
91) Benzo(g,h,i)perylene	26.87	276	487109	7.191 ng/ul#	95

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

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