

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012838.D
 Acq On : 09 Nov 2017 01:18
 Operator : SJ/JU
 Sample : I6150-05 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-3(1-2)-102517

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:58 PM

Quant Time: Nov 09 05:32:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	592477	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	356861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	733564m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	649288	20.00	ng/ul	0.01
85) Perylene-d12	23.66	264	714615	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1293	0.48	ng/uL	0.00
5) Phenol-d5	6.98	99	36783	3.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	28122	4.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	29088	3.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	25502	2.71	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	23972	5.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.68	143	15337	3.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	32916	3.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	186556	18.83	ng/ul	-0.02
43) Dimethylphthalate-d6	13.84	166	102975	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	122901	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	12956	2.74	ng/ul	0.02
57) Fluorene-d10	15.43	176	87764	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	237	0.05	ng/ul	0.02
70) Anthracene-d10	17.29	188	123138	3.47	ng/ul	0.00
78) Pyrene-d10	19.59	212	118673	3.94	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.51	264	120058	3.55	ng/ul	0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.65	128	793867	26.801	ng/ul#	95
34) 2-Methylnaphthalene	12.26	142	251206	11.097	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	71507	2.422	ng/ul	100
44) Dimethylphthalate	13.89	163	33435	1.141	ng/ul#	96
49) Acenaphthene	14.50	153	199309	8.264	ng/ul	96
53) Dibenzofuran	14.84	168	378460	10.758	ng/ul	94
58) Fluorene	15.49	166	401810	13.750	ng/ul	99
67) Atrazine	16.66	200	37839	4.279	ng/ul#	56
69) Phenanthrene	17.23	178	1976505m	49.295	ng/ul	
71) Anthracene	17.32	178	189514	4.559	ng/ul	100
74) Carbazole	17.59	167	59219	1.708	ng/ul	96
75) Di-n-butylphthalate	18.15	149	458416	11.283	ng/ul	99
76) Fluoranthene	19.25	202	1077284	22.359	ng/ul	96
79) Pyrene	19.62	202	704851	18.195	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	219070	5.576	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	32334	1.571	ng/ul#	89
84) Chrysene	21.41	228	338009	9.493	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	408068	9.344	ng/ul	96
88) Benzo(k)fluoranthene	23.01	252	130820	3.152	ng/ul	94
90) Benzo(a)pyrene	23.55	252	111566	2.685	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.97	276	181900	3.632	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.97	278	58397m	1.377	ng/ul	
93) Benzo(g,h,i)perylene	26.68	276	176071	4.266	ng/ul#	91

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

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