

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010625.D
 Acq On : 21 Jun 2017 16:27
 Operator : SJ/JU
 Sample : I3653-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F5C52

Manual Integrations
 APPROVED

mohammad
 6/22/2017 5:32:38 PM

Quant Time: Jun 22 01:12:15 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 00:43:46 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	28400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	123070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	84735	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	222657	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	340262	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	358374	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	1323	2.67	ng/uL	0.00
5) Phenol-d5	6.65	99	33579	12.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	21426	13.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	28068	14.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	28240	12.59	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	13588	15.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	14718	14.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	31284	14.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	16097	7.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	128584	17.29	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	137049	15.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	17341	13.25	ng/ul	0.00
57) Fluorene-d10	15.12	176	107980	16.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	19051	13.93	ng/ul	0.00
70) Anthracene-d10	16.97	188	191829m	17.84	ng/ul	0.00
76) Pyrene-d10	19.28	212	260073	16.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	316209	18.26	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.27	128	234581	38.302	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	75611	15.358	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	35206	5.314	ng/ul	98
44) Dimethylphthalate	13.58	163	32337	4.435	ng/ul#	97
47) Acenaphthylene	13.83	152	11916	1.446	ng/ul#	89
49) Acenaphthene	14.18	153	156369	28.129	ng/ul	97
53) Dibenzofuran	14.52	168	193596	22.996	ng/ul	95
58) Fluorene	15.17	166	164028	23.271	ng/ul	94
69) Phenanthrene	16.92	178	1146454	96.851	ng/ul	98
71) Anthracene	17.00	178	171442	14.058	ng/ul	96
72) Carbazole	17.27	167	41506	3.901	ng/ul	96
74) Fluoranthene	18.94	202	932339	61.115	ng/ul	98
77) Pyrene	19.31	202	657848	33.472	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	294370	14.856	ng/ul	99
82) Chrysene	21.12	228	230716	13.059	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	262340	11.277	ng/ul#	97
86) Benzo(k)fluoranthene	22.63	252	75743m	3.434	ng/ul	
88) Benzo(a)pyrene	23.13	252	164345	7.674	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	80525	3.625	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.34	278	23155	1.251	ng/ul	94
91) Benzo(g,h,i)perylene	25.98	276	57222	3.236	ng/ul#	95

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

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