

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010517.D
 Acq On : 11 Jun 2017 10:10
 Operator : SJ/MA
 Sample : I3558-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C63

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:24 PM

Quant Time: Jun 12 09:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	167510	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	616482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	422151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1069977	20.00	ng/ul	0.01
75) Chrysene-d12	21.45	240	1755123	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1481219	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	10876	2.66	ng/uL	0.00
5) Phenol-d5	7.07	99	215643	16.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	124201	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	191459	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	177914	17.37	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	97823	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	115274	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	243606	22.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	320406m	30.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	841171	23.98	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	916506	22.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	94429	17.99	ng/ul	0.00
57) Fluorene-d10	15.53	176	712576	23.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	112116	14.79	ng/ul	0.02
70) Anthracene-d10	17.39	188	1283857	24.66	ng/ul	0.02
76) Pyrene-d10	19.67	212	1857710	25.60	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.64	264	1518349	22.02	ng/ul	0.01

Target Compounds

					Qvalue
28) Naphthalene	10.75	128	25939201m	838.884	ng/ul
34) 2-Methylnaphthalene	12.36	142	15110784	644.551	ng/ul 92
40) 1,1'-Biphenyl	13.36	154	3938753	115.013	ng/ul 99
44) Dimethylphthalate	13.99	163	361096	10.468	ng/ul 98
47) Acenaphthylene	14.26	152	587596	14.695	ng/ul# 93
49) Acenaphthene	14.60	153	15759051	561.964	ng/ul# 77
53) Dibenzofuran	14.93	168	15942700m	384.471	ng/ul
58) Fluorene	15.59	166	17194006m	505.496	ng/ul
69) Phenanthrene	17.32	178	32120745m	562.329	ng/ul
71) Anthracene	17.43	178	14856732m	249.140	ng/ul
72) Carbazole	17.70	167	4190767	83.029	ng/ul 98
74) Fluoranthene	19.33	202	25284800m	359.964	ng/ul
77) Pyrene	19.70	202	23540884m	260.285	ng/ul
80) Benzo(a)anthracene	21.43	228	14163360	143.102	ng/ul# 75
82) Chrysene	21.49	228	12750852	142.516	ng/ul# 82
85) Benzo(b)fluoranthene	23.08	252	11309164	131.213	ng/ul 99
86) Benzo(k)fluoranthene	23.12	252	3560433m	43.242	ng/ul
88) Benzo(a)pyrene	23.69	252	7201643	84.296	ng/ul 99
89) Indeno(1,2,3-cd)pyrene	26.17	276	2903503	26.900	ng/ul# 97
90) Dibenzo(a,h)anthracene	26.17	278	866387	9.320	ng/ul# 93
91) Benzo(g,h,i)perylene	26.91	276	2227200	25.047	ng/ul 96

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

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