

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010515.D
 Acq On : 11 Jun 2017 08:58
 Operator : SJ/MA
 Sample : I3522-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C32

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:18 PM

Quant Time: Jun 12 09:40:56 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	166381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	609458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	401394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1091546m	20.00	ng/ul	0.01
75) Chrysene-d12	21.46	240	1936231	20.00	ng/ul	0.01
83) Perylene-d12	23.79	264	1575611	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12556	3.10	ng/uL	0.00
5) Phenol-d5	7.08	99	220468	17.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	131161	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	193259	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	184125	18.10	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	94007	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	110690	21.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	239926	22.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	249430	24.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	824731	24.73	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	907598	23.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	89847	18.01	ng/ul	0.00
57) Fluorene-d10	15.52	176	710181	24.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	114108	14.76	ng/ul	0.02
70) Anthracene-d10	17.39	188	1329251	25.03	ng/ul	0.02
76) Pyrene-d10	19.67	212	1979370	24.72	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.64	264	1631407	22.24	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.10	94	16855	1.304	ng/ul#	79
28) Naphthalene	10.75	128	307235	10.051	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	3373579	145.559	ng/ul	98
40) 1,1'-Biphenyl	13.36	154	1618380	49.701	ng/ul	99
44) Dimethylphthalate	13.99	163	479736	14.627	ng/ul	98
47) Acenaphthylene	14.26	152	453577	11.930	ng/ul#	92
49) Acenaphthene	14.60	153	15202879m	570.166	ng/ul	
53) Dibenzofuran	14.93	168	15880707m	402.781	ng/ul	
58) Fluorene	15.59	166	17095878	528.602	ng/ul#	94
69) Phenanthrene	17.32	178	32524251m	558.141	ng/ul	
71) Anthracene	17.43	178	12336549	202.790	ng/ul#	81
72) Carbazole	17.70	167	454262m	8.822	ng/ul	
74) Fluoranthene	19.33	202	25684906m	358.434	ng/ul	
77) Pyrene	19.70	202	24509039m	245.642	ng/ul	
80) Benzo(a)anthracene	21.43	228	15445641	141.461	ng/ul#	74
82) Chrysene	21.49	228	12542979	127.080	ng/ul#	79
85) Benzo(b)fluoranthene	23.09	252	13120594	143.110	ng/ul	100
86) Benzo(k)fluoranthene	23.12	252	4682037m	53.457	ng/ul	
88) Benzo(a)pyrene	23.70	252	8311404	91.457	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.17	276	3139919	27.348	ng/ul#	97
90) Dibenz(a,h)anthracene	26.17	278	982543	9.936	ng/ul#	90
91) Benzo(g,h,i)perylene	26.91	276	2294487	24.257	ng/ul#	96

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

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