

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

mohammad
 6/14/2017 2:57:34 PM

Quant Time: Jun 14 08:48:45 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	123745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	464131	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	316346	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	874691	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1437662	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1241478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.07	99	10302m	1.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	6784	1.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	10329	1.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	8495	1.12	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5139	1.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	4091	1.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	12436	1.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	55689	7.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	55033	2.09	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	53843	1.76	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	45770	1.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	8165	1.32	ng/ul	0.02
70) Anthracene-d10	17.37	188	74940	1.76	ng/ul	0.00
76) Pyrene-d10	19.66	212	110755	1.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	102720	1.78	ng/ul	0.00

Target Compounds

					Qvalue	
8) Bis(2-Chloroethyl)ether	7.28	93	30736	4.607	ng/ul#	31
24) 2,4-Dimethylphenol	9.86	107	23876	2.459	ng/ul	93
28) Naphthalene	10.74	128	28894902m	1241.213	ng/ul	
34) 2-Methylnaphthalene	12.35	142	13776388	780.522	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	2551632	99.429	ng/ul	99
42) 2-Nitroaniline	13.69	65	38167m	7.433	ng/ul	
47) Acenaphthylene	14.24	152	426247	14.226	ng/ul#	97
49) Acenaphthene	14.59	153	10709970	509.651	ng/ul	99
53) Dibenzofuran	14.93	168	11794593	379.569	ng/ul	88
58) Fluorene	15.57	166	12595048	494.135	ng/ul	97
69) Phenanthrene	17.32	178	24713796m	529.254	ng/ul	
71) Anthracene	17.42	178	8081464	165.779	ng/ul	98
72) Carbazole	17.69	167	4051513	98.191	ng/ul	99
74) Fluoranthene	19.32	202	20154840m	350.993	ng/ul	
77) Pyrene	19.69	202	17585017m	237.367	ng/ul	
80) Benzo(a)anthracene	21.43	228	7561113	93.265	ng/ul	97
82) Chrysene	21.48	228	5195559	70.894	ng/ul	94
85) Benzo(b)fluoranthene	23.06	252	3635119	50.321	ng/ul	99
86) Benzo(k)fluoranthene	23.10	252	1269823m	18.400	ng/ul	
88) Benzo(a)pyrene	23.67	252	2262478m	31.596	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.14	276	733491	8.108	ng/ul	98
90) Dibenzo(a,h)anthracene	26.14	278	210781	2.705	ng/ul#	79
91) Benzo(g,h,i)perylene	26.88	276	455490	6.112	ng/ul#	94

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

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