Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010554.D
Acq On : 13 Jun 2017 02:32
Operator : SJ/MA
Sample : I3522-18DL2 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32DL2

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:59 PM

Quant Time: Jun 13 05:09:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	110917	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	384156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	273922	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	731236	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1099582	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1101882	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	7.08	99	4090	0.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	2538	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	1967	0.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	2824	0.42	ng/ul	0.02
19) Nitrobenzene-d5	9.09	128	1993m	0.71	ng/ul	0.02
22) 2-Nitrophenol-d4	9.80	143	1628m	0.50	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.33	165	4181m	0.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.87	131	3035	0.47	ng/ul	0.01
43) Dimethylphthalate-d6	13.94	166	17524	0.77	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	16927	0.64	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	18525	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	2004	0.39	ng/ul	0.00
70) Anthracene-d10	17.37	188	30926m	0.87	ng/ul	0.00
76) Pyrene-d10	19.66	212	38988	0.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	37965	0.74	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.34	142	65296	4.470	ng/ul	95
40) 1,1'-Biphenyl	13.36	154	34124	1.536	ng/ul#	93
49) Acenaphthene	14.59	153	258705	14.218	ng/ul	97
53) Dibenzofuran	14.92	168	338212	12.570	ng/ul	96
58) Fluorene	15.57	166	360775	16.346	ng/ul	91
69) Phenanthrene	17.32	178	1954504	50.068	ng/ul	97
71) Anthracene	17.40	178	246249m	6.042	ng/ul	
74) Fluoranthene	19.32	202	1377525	28.696	ng/ul#	95
77) Pyrene	19.69	202	961803	16.974	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	385247	6.213	ng/ul	96
82) Chrysene	21.47	228	282236m	5.035	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	281149	4.385	ng/ul	99
86) Benzo(k)fluoranthene	23.10	252	108016m	1.763	ng/ul	
88) Benzo(a)pyrene	23.66	252	186957	2.942	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.14	276	83733	1.043	ng/ul	97

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

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