Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010647.D
Acq On : 22 Jun 2017 05:38
Operator : SJ/JU
Sample : I3558-17ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D33MEDL

Manual Integrations APPROVED
mohammad
6/22/2017 5:33:39 PM

Quant Time: Jun 22 06:54:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	70972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	315513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	219121	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	564495	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	712807	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	596396	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	6.65	99	6910	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	3873	1.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	5415	1.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	6277	1.12	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	2953	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	3391	1.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7063	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	8518	1.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	26440	1.37	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	29197	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	2813	0.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	25838	1.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2733	0.79	ng/ul	-0.01
70) Anthracene-d10	16.97	188	37842m	1.39	ng/ul	0.00
76) Pyrene-d10	19.27	212	48439	1.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	37605	1.30	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.28	128	1174286	74.789	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	261758	20.739	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	72191	4.214	ng/ul	96
49) Acenaphthene	14.18	153	201139	13.992	ng/ul	98
53) Dibenzofuran	14.52	168	259396	11.915	ng/ul	90
58) Fluorene	15.17	166	256125	14.052	ng/ul	99
69) Phenanthrene	16.91	178	1153229	38.427	ng/ul	100
71) Anthracene	17.00	178	184911	5.981	ng/ul	95
72) Carbazole	17.27	167	116293	4.311	ng/ul	98
74) Fluoranthene	18.94	202	749589	19.381	ng/ul#	98
77) Pyrene	19.30	202	503111	12.220	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	166942	4.022	ng/ul	96
82) Chrysene	21.12	228	129410	3.497	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	87973	2.272	ng/ul#	96
88) Benzo(a)pyrene	23.13	252	48438	1.359	ng/ul	95

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

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