Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012211.D
Acq On : 15 Oct 2017 16:27
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Manual Integrations APPROVED
Sohil
6/22/2018 5:58:16 PM

Quant Time: Oct 24 02:08:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	177605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	801195	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	487200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1190490	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	964593	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	957618	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	12203	3.27	ng/uL	0.00
5) Phenol-d5	6.99	99	284252	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	159171	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	258135	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	244863	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	127840	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	147271	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	311005	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	144859	11.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	964808	22.41	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1214952	23.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	97800	15.11	ng/ul	0.01
57) Fluorene-d10	15.46	176	886319	25.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	26490	3.24	ng/ul	0.02
70) Anthracene-d10	17.32	188	1373213	23.33	ng/ul	0.00
76) Pyrene-d10	19.61	212	1527527	31.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1096748	23.76	ng/ul	0.02
Target Compounds						Qvalue
69) Phenanthrene	17.26	178	952830	14.07	ng/ul	99
71) Anthracene	17.34	178	246406	3.51	ng/ul	98
74) Fluoranthene	19.27	202	1726716	21.13	ng/ul#	94
77) Pyrene	19.64	202	1509270	23.69	ng/ul#	94
80) Benzo(a)anthracene	21.38	228	755241	12.03	ng/ul	96
82) Chrysene	21.43	228	736211	12.49	ng/ul	96
85) Benzo(b)fluoranthene	23.01	252	1028940	16.47	ng/ul#	94
86) Benzo(k)fluoranthene	23.06	252	338514m	5.62	ng/ul	
88) Benzo(a)pyrene	23.61	252	749390	12.72	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.09	276	532142	8.51	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	135709	2.58	ng/ul#	75
91) Benzo(g,h,i)perylene	26.83	276	502927	9.82	ng/ul#	92

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

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