Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012117.D
Acq On : 13 Oct 2017 02:16
Operator : SJ/JU
Sample : I5490-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(0-1)-092717

Manual Integrations APPROVED
Sohil
10/15/2017 12:36:56 PM

Quant Time: Oct 13 05:18:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	289497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1101709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1226131	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1365192	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1539796	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	22852	3.75	ng/uL	0.00
5) Phenol-d5	6.99	99	509833	21.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	313223	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	445064	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	421699	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	201887	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	233235	23.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	421748	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	98349m	5.60	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1248733	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1523421	24.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	118988	15.47	ng/ul	0.00
57) Fluorene-d10	15.47	176	1029815	24.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	108750	12.92	ng/ul	0.00
70) Anthracene-d10	17.32	188	1533943	25.30	ng/ul	0.00
76) Pyrene-d10	19.62	212	1715744	24.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1857376	25.02	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	29414	1.21	ng/ul	87
44) Dimethylphthalate	13.93	163	484352	9.45	ng/ul	99
69) Phenanthrene	17.27	178	419557	6.02	ng/ul	99
71) Anthracene	17.36	178	118841m	1.65	ng/ul	
74) Fluoranthene	19.28	202	870915	10.35	ng/ul#	90
77) Pyrene	19.64	202	830396	9.21	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	497195	5.60	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.27	149	3226198m	53.57	ng/ul	
82) Chrysene	21.44	228	491601	5.89	ng/ul#	92
85) Benzo(b)fluoranthene	23.02	252	738825	7.35	ng/ul#	82
86) Benzo(k)fluoranthene	23.06	252	193707m	2.00	ng/ul	
88) Benzo(a)pyrene	23.62	252	507850	5.36	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	26.10	276	393026	3.91	ng/ul#	83
90) Dibenzo(a,h)anthracene	26.11	278	111453	1.32	ng/ul#	20
91) Benzo(g,h,i)perylene	26.84	276	496010	6.02	ng/ul#	80

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

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