Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107683.D
Acq On : 26 Jul 2018 4:08
Operator : JU/SJ
Sample : J4144-01DL 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MCMASTER-SEDIMENT-7-23-18DL

Manual Integrations APPROVED
Sohil
7/26/2018 2:02:33 PM

Quant Time: Jul 26 08:25:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167899	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	710011	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	274065	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	474887	20.00	ng	0.00
75) Chrysene-d12	14.15	240	393125	20.00	ng	-0.01
86) Perylene-d12	15.69	264	330138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	136	0.01	ng	0.03
7) Phenol-d6	6.67	99	2964	0.24	ng	0.05
23) Nitrobenzene-d5	7.55	82	1415	0.13	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	1562	0.50	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	12480	0.81	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.27	128	1400474	44.855	ng	99
37) 2-Methylnaphthalene	8.97	142	337780	15.612	ng	100
45) 1,1'-Biphenyl	9.42	154	72072	3.019	ng	99
48) Acenaphthylene	9.87	152	110340	4.025	ng	98
51) Acenaphthene	10.04	154	201914	11.756	ng	99
54) Dibenzofuran	10.22	168	229048	9.058	ng	98
57) Fluorene	10.56	166	219613	12.174	ng	94
70) Phenanthrene	11.53	178	736014	31.805	ng	100
71) Anthracene	11.58	178	227738	9.774	ng	98
74) Fluoranthene	12.72	202	501374	20.190	ng	95
77) Pyrene	12.95	202	401637	14.936	ng	97
80) Benzo(a)anthracene	14.14	228	174591	7.578	ng	94
82) Chrysene	14.18	228	135082	6.104	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	39796	2.122	ng	95
87) Benzo(b)fluoranthene	15.23	252	111534m	6.173	ng	
88) Benzo(k)fluoranthene	15.25	252	56032m	3.165	ng	
89) Benzo(a)pyrene	15.62	252	93227	5.641	ng	99
91) Benzo(g,h,i)perylene	17.74	276	33420	2.372	ng #	90

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

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