Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118661.D
Acq On : 22 Jan 2020 12:05
Operator : CG/JU
Sample : L1148-17DL 400X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-44-(2-4)DL

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:55 AM

Quant Time: Jan 22 13:15:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	319529	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1179502	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	588957	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	907994	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	763286	20.00	ng	-0.01
87) Perylene-d12	15.50	264	957571	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	3163	0.18	ng	-0.01
7) Phenol-d6	6.49	99	4384	0.20	ng	-0.02
23) Nitrobenzene-d5	7.43	82	2801	0.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	969	0.14	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	7089	0.20	ng	-0.01
79) Terphenyl-d14	12.98	244	7978	0.23	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	3187617	59.825	ng	100
37) 2-Methylnaphthalene	8.87	142	562269	14.950	ng	96
38) 1-Methylnaphthalene	8.97	142	314469	8.801	ng	99
46) 1,1'-Biphenyl	9.33	154	134788	3.321	ng	96
49) Acenaphthylene	9.77	152	252609	5.248	ng	95
52) Acenaphthene	9.95	154	154132	4.789	ng	98
55) Dibenzofuran	10.12	168	383963	8.609	ng	93
58) Fluorene	10.46	166	487380	13.920	ng	98
71) Phenanthrene	11.42	178	1749359	39.935	ng	94
72) Anthracene	11.47	178	460029	10.613	ng	92
73) Carbazole	11.62	167	154512	3.886	ng	94
75) Fluoranthene	12.61	202	1076709	23.304	ng	96
78) Pyrene	12.84	202	926161	17.873	ng	92
81) Benzo(a)anthracene	14.02	228	455817	9.927	ng	93
83) Chrysene	14.06	228	375988	8.544	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	182631	4.776	ng	98
88) Benzo(b)fluoranthene	15.07	252	448412m	7.450	ng	
89) Benzo(k)fluoranthene	15.10	252	151419m	2.715	ng	
90) Benzo(a)pyrene	15.44	252	381834	7.354	ng	99
92) Benzo(g,h,i)perylene	17.42	276	160540	3.600	ng	100

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

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