Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118653.D
Acq On : 22 Jan 2020 1:00
Operator : CG/JU
Sample : L1148-16DL 200X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43-(2-4)DL

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:43 PM

Quant Time: Jan 22 05:30:03 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	6.88	152	409522	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1510792	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	781964	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1193145	20.00	ng	0.00
76) Chrysene-d12	14.04	240	941667	20.00	ng	0.00
87) Perylene-d12	15.51	264	1010805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	10639	0.48	ng	-0.01
7) Phenol-d6	6.49	99	15569	0.54	ng	-0.02
23) Nitrobenzene-d5	7.43	82	8661	0.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	2843	0.31	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	19576	0.41	ng	-0.01
79) Terphenyl-d14	12.98	244	20615	0.48	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	2642342	38.717	ng	99
37) 2-Methylnaphthalene	8.87	142	699800	14.527	ng	98
38) 1-Methylnaphthalene	8.97	142	522775	11.423	ng	100
46) 1,1'-Biphenyl	9.33	154	257243	4.773	ng	95
49) Acenaphthylene	9.77	152	925191	14.478	ng	95
55) Dibenzofuran	10.12	168	191661	3.237	ng	92
58) Fluorene	10.46	166	638910	13.743	ng	99
71) Phenanthrene	11.43	178	3214158	55.838	ng	98
72) Anthracene	11.47	178	805392	14.140	ng	93
75) Fluoranthene	12.62	202	1594285	26.260	ng	94
78) Pyrene	12.84	202	2051769	32.094	ng	94
81) Benzo(a)anthracene	14.03	228	775067m	13.683	ng	
83) Chrysene	14.06	228	757858	13.959	ng	95
86) Indeno(1,2,3-cd)pyrene	16.98	276	276960	5.871	ng	97
88) Benzo(b)fluoranthene	15.08	252	752633m	11.846	ng	
89) Benzo(k)fluoranthene	15.10	252	174819m	2.970	ng	
90) Benzo(a)pyrene	15.44	252	728546	13.293	ng	98
92) Benzo(g,h,i)perylene	17.42	276	302380	6.424	ng	97

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

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