Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:21:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	184064	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	592581	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	266902	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	521339	20.000	ng	0.00
76) Chrysene-d12	14.210	240	397075	20.000	ng	0.00
86) Perylene-d12	15.762	264	316452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	507431	44.742	ng	0.00
7) Phenol-d6	6.622	99	590337	39.884	ng	-0.01
23) Nitrobenzene-d5	7.563	82	335985	26.900	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	113863	39.502	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	509134	29.046	ng	0.00
79) Terphenyl-d14	13.133	244	635488	27.059	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.310	128	205121	6.762	ng	98
37) 2-Methylnaphthalene	9.004	142	115209	5.573	ng	100
38) 1-Methylnaphthalene	9.104	142	92859	4.806	ng	99
49) Acenaphthylene	9.910	152	128498	5.041	ng	97
52) Acenaphthene	10.081	154	79846	4.933	ng	98
55) Dibenzofuran	10.257	168	93534	3.964	ng	94
58) Fluorene	10.598	166	172112	9.536	ng	97
71) Phenanthrene	11.575	178	1375985	50.948	ng	98
72) Anthracene	11.622	178	388263	13.960	ng	99
73) Carbazole	11.775	167	103827	4.141	ng	99
75) Fluoranthene	12.774	202	2000030	67.740	ng	98
78) Pyrene	13.010	202	1954858	54.150	ng	99
81) Benzo(a)anthracene	14.198	228	1050808	35.369	ng	95
83) Chrysene	14.233	228	903484	32.520	ng	98
87) Indeno(1,2,3-cd)pyrene	17.362	276	353253	17.036	ng	98
88) Benzo(b)fluoranthene	15.304	252	961039m	45.317	ng	
89) Benzo(k)fluoranthene	15.327	252	243507m	11.732	ng	
90) Benzo(a)pyrene	15.698	252	642550	32.373	ng	96
91) Dibenzo(a,h)anthracene	17.368	278	93565m	5.538	ng	
92) Benzo(g,h,i)perylene	17.856	276	352366	19.449	ng	98

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

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