Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056574.D
Acq On : 7 Feb 2023 19:25
Operator : CG/JU
Sample : 01460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-2-020623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 03:07:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	42657	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	158774	20.000	ng		0.00
39) Acenaphthene-d10	14.887	164	115991	20.000	ng		0.00
64) Phenanthrene-d10	17.631	188	256855	20.000	ng		0.00
76) Chrysene-d12	21.920	240	237540	20.000	ng		0.00
86) Perylene-d12	25.345	264	263392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	222777	96.072	ng		0.00
7) Phenol-d6	7.419	99	303335	88.287	ng		0.00
23) Nitrobenzene-d5	9.446	82	162213	58.015	ng		0.00
42) 2,4,6-Tribromophenol	16.373	330	117752	76.362	ng		0.00
45) 2-Fluorobiphenyl	13.512	172	487213	58.236	ng		0.00
79) Terphenyl-d14	20.204	244	749135	55.391	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.672	178	206531	15.363	ng		99
72) Anthracene	17.760	178	60291	4.369	ng		99
75) Fluoranthene	19.664	202	422104	24.878	ng		100
78) Pyrene	20.028	202	369066	21.846	ng		99
81) Benzo(a)anthracene	21.896	228	218629	13.165	ng		100
83) Chrysene	21.967	228	196525m	12.596	ng		
87) Indeno(1,2,3-cd)pyrene	29.288	276	111645	5.791	ng	#	86
88) Benzo(b)fluoranthene	24.252	252	264986	16.209	ng		99
89) Benzo(k)fluoranthene	24.311	252	90293m	5.470	ng		
90) Benzo(a)pyrene	25.186	252	197967	12.293	ng	#	98
92) Benzo(g,h,i)perylene	30.527	276	99723	6.386	ng		99

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

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