Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060501.D
Acq On : 31 Jan 2024 2:45
Operator : MA/JU
Sample : P1243-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-308-17-19

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 04:42:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	187566	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	775578	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	550987	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	1257701	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1094114	20.000	ng		0.00
86) Perylene-d12	24.745	264	1199424	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	456457	40.027	ng		0.00
7) Phenol-d6	7.095	99	695780	41.204	ng		0.00
23) Nitrobenzene-d5	9.087	82	439622	26.766	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	348274	42.962	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	1212071	30.584	ng		0.00
79) Terphenyl-d14	19.927	244	1844279	32.946	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.354	178	263493m	4.334	ng		
75) Fluoranthene	19.369	202	517775	7.091	ng		88
78) Pyrene	19.733	202	507766	7.267	ng	#	87
81) Benzo(a)anthracene	21.560	228	292607	4.320	ng		93
83) Chrysene	21.619	228	265531	3.986	ng		95
88) Benzo(b)fluoranthene	23.746	252	321016	4.530	ng	#	93
89) Benzo(k)fluoranthene	23.799	252	147917m	2.115	ng		
90) Benzo(a)pyrene	24.592	252	250508	3.914	ng	#	97

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

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