Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 03:23:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	38661	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	155317	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	105653	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	218930	20.000	ng	0.00
76) Chrysene-d12	21.884	240	213578	20.000	ng	0.00
86) Perylene-d12	25.280	264	231057	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	179223	83.792	ng	0.01
7) Phenol-d6	7.384	99	264261	92.814	ng	0.01
23) Nitrobenzene-d5	9.393	82	97895	33.314	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	87310	58.687	ng	0.01
45) 2-Fluorobiphenyl	13.471	172	420893	59.681	ng	0.00
79) Terphenyl-d14	20.175	244	599473	56.140	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.967	113	1973	2.209	ng	# 84
38) 1-Methylnaphthalene	12.907	142	14824	2.429	ng	99
49) Acenaphthylene	14.575	152	35470	3.599	ng	96
52) Acenaphthene	14.916	154	18063	2.805	ng	93
58) Fluorene	15.891	166	36151	4.556	ng	96
71) Phenanthrene	17.636	178	411912	34.865	ng	99
72) Anthracene	17.724	178	89479	7.795	ng	97
75) Fluoranthene	19.634	202	448172	31.181	ng	98
78) Pyrene	19.998	202	757815	52.420	ng	97
81) Benzo(a)anthracene	21.867	228	313825	21.334	ng	95
83) Chrysene	21.931	228	322395m	23.021	ng	
87) Indeno(1,2,3-cd)pyrene	29.193	276	165380	8.737	ng	# 93
88) Benzo(b)fluoranthene	24.199	252	341589	22.700	ng	# 95
89) Benzo(k)fluoranthene	24.258	252	106430m	7.096	ng	
90) Benzo(a)pyrene	25.122	252	317502	24.588	ng	97
91) Dibenzo(a,h)anthracene	29.223	278	48877	3.160	ng	# 77
92) Benzo(g,h,i)perylene	30.415	276	184038	11.805	ng	97

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

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