Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

Quant Time: Oct 27 10:44:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	49474	20.000	ng		0.00
21) Naphthalene-d8	11.097	136	214549	20.000	ng		0.00
39) Acenaphthene-d10	14.881	164	128465	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	251866	20.000	ng		0.00
76) Chrysene-d12	21.908	240	220322	20.000	ng		0.00
86) Perylene-d12	25.310	264	243691	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	328822	116.376	ng		0.00
7) Phenol-d6	7.413	99	454752	111.091	ng		0.00
23) Nitrobenzene-d5	9.440	82	280334	66.720	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	150883	108.042	ng		0.00
45) 2-Fluorobiphenyl	13.512	172	542447	69.112	ng		0.00
79) Terphenyl-d14	20.192	244	723984	68.273	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.150	128	78287	6.840	ng		98
37) 2-Methylnaphthalene	12.730	142	51122	6.195	ng		98
38) 1-Methylnaphthalene	12.948	142	38360	4.712	ng		99
49) Acenaphthylene	14.611	152	95118	7.930	ng		99
52) Acenaphthene	14.945	154	168772	22.075	ng		100
55) Dibenzofuran	15.274	168	143703	12.529	ng		97
58) Fluorene	15.921	166	234549	24.576	ng		100
71) Phenanthrene	17.666	178	1897086	141.234	ng		93
72) Anthracene	17.754	178	512365	39.018	ng		100
73) Carbazole	18.012	167	206055	16.315	ng		100
75) Fluoranthene	19.663	202	2477007	158.258	ng		94
78) Pyrene	20.022	202	2219423	146.965	ng	#	90
81) Benzo(a)anthracene	21.884	228	1352226	91.397	ng		96
83) Chrysene	21.955	228	1229924m	87.517	ng		
87) Indeno(1,2,3-cd)pyrene	29.240	276	792486	44.030	ng		95
88) Benzo(b)fluoranthene	24.235	252	1718877	117.261	ng		97
89) Benzo(k)fluoranthene	24.293	252	624369m	42.183	ng		
90) Benzo(a)pyrene	25.163	252	1321524	105.130	ng		97
91) Dibenzo(a,h)anthracene	29.282	278	197911m	13.399	ng		
92) Benzo(g,h,i)perylene	30.480	276	783559	53.484	ng		98

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

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