Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

Quant Time: Jul 14 01:24:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	408611	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1583890	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	831821	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1573543	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1422916	20.000	ng		0.00
86) Perylene-d12	23.844	264	1471663	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	665237	26.444	ng		0.00
7) Phenol-d6	7.063	99	799511	25.408	ng		0.00
23) Nitrobenzene-d5	9.069	82	466706	16.845	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	219012	25.927	ng		0.00
45) 2-Fluorobiphenyl	13.168	172	961049	16.113	ng		0.00
79) Terphenyl-d14	19.903	244	1185494	16.173	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.763	128	303046	3.788	ng		100
37) 2-Methylnaphthalene	12.368	142	259093	4.924	ng		97
38) 1-Methylnaphthalene	12.586	142	300148	5.856	ng		98
49) Acenaphthylene	14.262	152	496887	6.796	ng		98
52) Acenaphthene	14.598	154	704481	15.788	ng		99
55) Dibenzofuran	14.933	168	561242	7.778	ng		97
58) Fluorene	15.580	166	932437	16.287	ng		99
71) Phenanthrene	17.321	178	6681967	80.834	ng		98
72) Anthracene	17.409	178	1753639	22.052	ng		99
73) Carbazole	17.680	167	628528	7.856	ng		99
75) Fluoranthene	19.333	202	7381077	79.842	ng		96
78) Pyrene	19.697	202	6737901	75.403	ng		98
81) Benzo(a)anthracene	21.438	228	2693850	30.179	ng		97
83) Chrysene	21.491	228	2505136	29.069	ng		97
87) Indeno(1,2,3-cd)pyrene	26.332	276	1168238	10.901	ng		97
88) Benzo(b)fluoranthene	23.121	252	2561993m	28.823	ng		
89) Benzo(k)fluoranthene	23.162	252	977976m	10.519	ng		
90) Benzo(a)pyrene	23.738	252	2052934	27.604	ng	#	94
91) Dibenzo(a,h)anthracene	26.350	278	311914	3.509	ng	#	77
92) Benzo(g,h,i)perylene	27.103	276	1189991	13.566	ng		97

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

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