Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	64922	20.000	ng		-0.03
21) Naphthalene-d8	10.698	136	253308	20.000	ng		-0.02
39) Acenaphthene-d10	14.539	164	171728	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	357185	20.000	ng		#-0.01
76) Chrysene-d12	21.480	240	323337	20.000	ng		#-0.01
86) Perylene-d12	23.874	264	256712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	368135	111.078	ng		-0.02
7) Phenol-d6	7.063	99	462256	122.293	ng		-0.02
23) Nitrobenzene-d5	9.063	82	280885	62.984	ng		-0.03
42) 2,4,6-Tribromophenol	16.033	330	286888	122.908	ng		-0.02
45) 2-Fluorobiphenyl	13.157	172	836731	62.031	ng		-0.03
79) Terphenyl-d14	19.909	244	1336719	72.954	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.751	128	900593	69.283	ng		98
37) 2-Methylnaphthalene	12.357	142	175106	16.670	ng		95
38) 1-Methylnaphthalene	12.580	142	142885	14.436	ng		98
46) 1,1'-Biphenyl	13.369	154	147301	10.828	ng		99
49) Acenaphthylene	14.263	152	1085326	64.373	ng		98
52) Acenaphthene	14.604	154	277700	27.585	ng		99
55) Dibenzofuran	14.933	168	366765	21.157	ng		94
58) Fluorene	15.586	166	761068	55.484	ng		100
66) n-Nitrosodiphenylamine	15.798	169	42484	3.643	ng	#	75
71) Phenanthrene	17.351	178	14502448	683.801	ng		94
72) Anthracene	17.433	178	2201468	101.466	ng		100
73) Carbazole	17.704	167	461870	22.825	ng		98
75) Fluoranthene	19.368	202	11833201	531.401	ng		94
78) Pyrene	19.733	202	11858513m	476.362	ng		
81) Benzo(a)anthracene	21.468	228	3512459m	153.571	ng		
83) Chrysene	21.521	228	2694476	122.270	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	83832	6.000	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.380	276	1374931	67.997	ng	#	94
88) Benzo(b)fluoranthene	23.156	252	2767820m	180.009	ng		
89) Benzo(k)fluoranthene	23.192	252	910378m	58.306	ng		
90) Benzo(a)pyrene	23.780	252	2502316m	164.565	ng		
91) Dibenzo(a,h)anthracene	26.374	278	352929m	20.746	ng		
92) Benzo(g,h,i)perylene	27.156	276	1422427	82.717	ng		97

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

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