Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133601.D
Acq On : 06 Jun 2023 20:22
Operator : CG\JU
Sample : 03002-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB02

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 04:01:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	126230	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	454889	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	188660	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	320674	20.000	ng	#	0.00
76) Chrysene-d12	14.022	240	138166	20.000	ng		0.01
86) Perylene-d12	15.498	264	134350	20.000	ng	#	0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	469511	62.058	ng		0.00
7) Phenol-d6	6.457	99	562124	60.357	ng		0.00
23) Nitrobenzene-d5	7.398	82	340683	50.005	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	114875	61.084	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	633005	51.787	ng		0.00
79) Terphenyl-d14	12.957	244	485541	62.482	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.140	128	68507	3.106	ng		99
37) 2-Methylnaphthalene	8.834	142	34218	2.272	ng		100
38) 1-Methylnaphthalene	8.928	142	28934	2.061	ng		91
49) Acenaphthylene	9.734	152	165559	8.733	ng		99
52) Acenaphthene	9.910	154	104312	9.084	ng		99
55) Dibenzofuran	10.081	168	111838	6.546	ng		96
58) Fluorene	10.422	166	209493	16.737	ng		97
71) Phenanthrene	11.398	178	1630714	100.402	ng		99
72) Anthracene	11.445	178	553264	33.098	ng		99
73) Carbazole	11.592	167	136703	8.647	ng		99
75) Fluoranthene	12.592	202	2400591	133.809	ng		98
78) Pyrene	12.827	202	2224474	189.199	ng		99
81) Benzo(a)anthracene	14.010	228	1245613	135.331	ng		95
83) Chrysene	14.051	228	1179467	126.937	ng		95
87) Indeno(1,2,3-cd)pyrene	16.986	276	435096	50.841	ng		95
88) Benzo(b)fluoranthene	15.069	252	1001606m	114.489	ng		
89) Benzo(k)fluoranthene	15.092	252	335551m	39.336	ng		
90) Benzo(a)pyrene	15.445	252	1022413	128.434	ng		96
91) Dibenzo(a,h)anthracene	16.992	278	153386	22.106	ng	#	66
92) Benzo(g,h,i)perylene	17.439	276	686370	98.104	ng		96

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

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