Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058668.D
Acq On : 9 Aug 2023 21:25
Operator : MA/JU
Sample : 03932-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 02:56:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	59594	20.000	ng	0.00
21) Naphthalene-d8	10.678	136	147767m	20.000	ng	0.06
39) Acenaphthene-d10	14.474	164	162569	20.000	ng	# 0.01
64) Phenanthrene-d10	17.223	188	270404	20.000	ng	# 0.02
76) Chrysene-d12	21.495	240	194819	20.000	ng	# 0.05
86) Perylene-d12	24.585	264	336433	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	235578	60.421	ng	0.00
7) Phenol-d6	6.988	99	304668	56.156	ng	0.00
23) Nitrobenzene-d5	8.992	82	216129	71.852	ng	0.01
42) 2,4,6-Tribromophenol	15.972	330	95824	35.962	ng	0.02
45) 2-Fluorobiphenyl	13.087	172	447116	41.216	ng	0.00
79) Terphenyl-d14	19.844	244	575463	55.548	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	10.813	128	28459644m	3654.209	ng	
37) 2-Methylnaphthalene	12.382	142	11698017	2099.803	ng	# 95
38) 1-Methylnaphthalene	12.594	142	8364312	1579.457	ng	# 100
46) 1,1'-Biphenyl	13.316	154	2683901	240.397	ng	93
49) Acenaphthylene	14.209	152	1605719	110.176	ng	# 80
52) Acenaphthene	14.591	154	5984556	710.653	ng	94
55) Dibenzofuran	14.879	168	829824	57.346	ng	# 79
58) Fluorene	15.555	166	4641493m	403.772	ng	
71) Phenanthrene	17.329	178	12031334	938.207	ng	# 76
72) Anthracene	17.400	178	4922474m	374.100	ng	
73) Carbazole	17.635	167	360734	31.089	ng	# 89
75) Fluoranthene	19.321	202	6651289	431.788	ng	85
78) Pyrene	19.691	202	8543620	644.386	ng	# 75
81) Benzo(a)anthracene	21.483	228	5509575	410.939	ng	# 69
83) Chrysene	21.554	228	4938620	384.187	ng	# 79
87) Indeno(1,2,3-cd)pyrene	28.140	276	2200545	98.318	ng	94
88) Benzo(b)fluoranthene	23.628	252	4358863	238.876	ng	# 93
89) Benzo(k)fluoranthene	23.669	252	1559111m	85.052	ng	
90) Benzo(a)pyrene	24.480	252	5363343	299.292	ng	# 93
91) Dibenzo(a,h)anthracene	28.164	278	705069m	38.098	ng	
92) Benzo(g,h,i)perylene	29.251	276	2410649	129.901	ng	96

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

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