Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134698.D
Acq On : 09 Aug 2023 19:35
Operator : CG\JU
Sample : 03932-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z18-20

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

Quant Time: Aug 10 01:42:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	150015	20.000	ng	0.01
21) Naphthalene-d8	8.104	136	147876m	20.000	ng	0.02
39) Acenaphthene-d10	9.869	164	211216	20.000	ng	0.04
64) Phenanthrene-d10	11.369	188	231337	20.000	ng	# 0.05
76) Chrysene-d12	14.039	240	170710	20.000	ng	# 0.06
86) Perylene-d12	15.492	264	263422	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	653980	66.268	ng	0.00
7) Phenol-d6	6.439	99	832669	66.005	ng	0.00
23) Nitrobenzene-d5	7.375	82	360908	152.520	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	139658	64.862	ng	0.04
45) 2-Fluorobiphenyl	9.186	172	735011	57.860	ng	0.02
79) Terphenyl-d14	12.957	244	661253	68.285	ng	0.04
Target Compounds						Qvalue
31) Naphthalene	8.222	128	36619811m	4927.335	ng	
37) 2-Methylnaphthalene	8.892	142	15542943	3155.164	ng	98
38) 1-Methylnaphthalene	8.998	142	10254350m	2238.536	ng	
46) 1,1'-Biphenyl	9.298	154	3172824	193.173	ng	97
49) Acenaphthylene	9.745	152	1639133	84.730	ng	# 88
52) Acenaphthene	9.957	154	7601686	606.352	ng	97
55) Dibenzofuran	10.092	168	805435	45.131	ng	# 74
58) Fluorene	10.457	166	4310400m	331.588	ng	
71) Phenanthrene	11.451	178	14378141	1170.126	ng	# 94
72) Anthracene	11.486	178	4932408m	392.981	ng	
73) Carbazole	11.598	167	371625	33.161	ng	# 81
75) Fluoranthene	12.621	202	6188589	476.792	ng	96
78) Pyrene	12.863	202	9176803m	621.239	ng	
81) Benzo(a)anthracene	14.027	228	5719626	468.569	ng	# 82
83) Chrysene	14.068	228	4632175m	389.506	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	1314255	84.832	ng	# 93
88) Benzo(b)fluoranthene	15.074	252	3966064m	246.863	ng	
89) Benzo(k)fluoranthene	15.098	252	832044m	51.989	ng	
90) Benzo(a)pyrene	15.451	252	3937337	262.848	ng	# 94
91) Dibenzo(a,h)anthracene	17.004	278	423423	33.819	ng	# 91
92) Benzo(g,h,i)perylene	17.456	276	1413134	110.647	ng	# 92

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

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