Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134767.D
Acq On : 14 Aug 2023 19:18
Operator : CG\JU
Sample : 03975-02 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12-Q

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 15 00:33:41 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	6.798	152	135814	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	421651	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	246985	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	420491	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	242043	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	285669	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	67565	7.562	ng		-0.01
7) Phenol-d6	6.428	99	81377	7.125	ng		-0.01
23) Nitrobenzene-d5	7.357	82	46125	6.836	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	17096	6.790	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	100106	6.739	ng		-0.01
79) Terphenyl-d14	12.916	244	89512	6.519	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.134	128	8728414	411.885	ng		96
37) 2-Methylnaphthalene	8.810	142	3172394	225.850	ng		99
38) 1-Methylnaphthalene	8.904	142	2296603	175.827	ng		96
46) 1,1'-Biphenyl	9.257	154	822515	42.825	ng		98
49) Acenaphthylene	9.698	152	341149	15.081	ng	#	89
52) Acenaphthene	9.880	154	1710785	116.699	ng		100
55) Dibenzofuran	10.039	168	174030	8.339	ng	#	88
58) Fluorene	10.386	166	1058965	69.666	ng		95
71) Phenanthrene	11.363	178	3417756	153.024	ng		98
72) Anthracene	11.404	178	1270785	55.702	ng		99
73) Carbazole	11.557	167	44393	2.179	ng		94
75) Fluoranthene	12.545	202	1533596	65.003	ng		96
78) Pyrene	12.780	202	2242298	107.060	ng		96
81) Benzo(a)anthracene	13.963	228	749382m	43.299	ng		
83) Chrysene	13.998	228	617065	36.595	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	214641	12.776	ng	#	94
88) Benzo(b)fluoranthene	15.015	252	504364m	28.949	ng		
89) Benzo(k)fluoranthene	15.039	252	163291m	9.408	ng		
90) Benzo(a)pyrene	15.386	252	635404	39.115	ng	#	97
91) Dibenzo(a,h)anthracene	16.945	278	55800	4.110	ng	#	91
92) Benzo(g,h,i)perylene	17.386	276	237189	17.125	ng	#	92

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

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