Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134352.D
Acq On : 18 Jul 2023 23:02
Operator : CG\JU
Sample : 03600-01DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-071223DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 01:43:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	59011	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	221118	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	107500	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	174245	20.000	ng		0.00
76) Chrysene-d12	14.033	240	128253	20.000	ng		0.00
86) Perylene-d12	15.539	264	116291	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	20336	5.765	ng		0.00
7) Phenol-d6	6.475	99	26640	6.140	ng		-0.01
23) Nitrobenzene-d5	7.398	82	17871	4.357	ng		-0.01
42) 2,4,6-Tribromophenol	10.669	330	7862	5.833	ng		-0.01
45) 2-Fluorobiphenyl	9.186	172	39273	5.312	ng		-0.02
79) Terphenyl-d14	12.963	244	36480	4.578	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.139	128	240727	22.539	ng		98
37) 2-Methylnaphthalene	8.828	142	296375	39.240	ng		99
38) 1-Methylnaphthalene	8.928	142	259862	37.009	ng		98
46) 1,1'-Biphenyl	9.292	154	17263	2.002	ng		97
49) Acenaphthylene	9.733	152	32714	3.035	ng	#	80
52) Acenaphthene	9.910	154	165619	26.482	ng		94
55) Dibenzofuran	10.080	168	139686	14.292	ng	#	93
58) Fluorene	10.428	166	309247	40.669	ng		99
71) Phenanthrene	11.404	178	1490639	169.936	ng		99
72) Anthracene	11.451	178	418339	45.852	ng		99
73) Carbazole	11.604	167	65266	7.815	ng		96
75) Fluoranthene	12.598	202	930823	98.156	ng		99
78) Pyrene	12.833	202	1074622	90.034	ng		100
81) Benzo(a)anthracene	14.027	228	448956	50.475	ng		98
83) Chrysene	14.063	228	414978	48.169	ng		97
87) Indeno(1,2,3-cd)pyrene	17.086	276	119928	14.862	ng	#	92
88) Benzo(b)fluoranthene	15.098	252	338061m	49.439	ng		
89) Benzo(k)fluoranthene	15.121	252	106132m	15.244	ng		
90) Benzo(a)pyrene	15.480	252	284176m	42.977	ng		
91) Dibenzo(a,h)anthracene	17.092	278	33922	5.147	ng	#	92
92) Benzo(g,h,i)perylene	17.556	276	122219m	17.982	ng		

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

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