Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
Data File : BF136050.D
Acq On : 31 Oct 2023 14:32
Operator : CG\JU
Sample : 04704-06DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-4(5-10)DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Quant Time: Oct 31 15:17:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	152287	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	594738	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	280004	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	425576	20.000	ng		0.00
76) Chrysene-d12	14.010	240	291753	20.000	ng		0.00
86) Perylene-d12	15.504	264	378453	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	166328	17.163	ng		-0.01
7) Phenol-d6	6.445	99	248191	20.555	ng		-0.01
23) Nitrobenzene-d5	7.375	82	141079	14.300	ng		-0.02
42) 2,4,6-Tribromophenol	10.645	330	33900	11.343	ng		-0.01
45) 2-Fluorobiphenyl	9.180	172	294477	16.765	ng		0.00
79) Terphenyl-d14	12.951	244	218452	11.636	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.122	128	299744	10.452	ng		99
37) 2-Methylnaphthalene	8.816	142	78265	4.070	ng		97
38) 1-Methylnaphthalene	8.916	142	109917	6.142	ng		98
49) Acenaphthylene	9.716	152	99080	4.036	ng		99
52) Acenaphthene	9.892	154	39716	2.545	ng		99
55) Dibenzofuran	10.063	168	54066	2.376	ng	#	95
58) Fluorene	10.410	166	130105	7.637	ng		99
71) Phenanthrene	11.374	178	647701	30.227	ng		99
72) Anthracene	11.427	178	170599	7.770	ng		98
75) Fluoranthene	12.574	202	521022	23.669	ng		98
78) Pyrene	12.804	202	579473	22.528	ng		99
81) Benzo(a)anthracene	13.998	228	298425m	15.451	ng		
83) Chrysene	14.033	228	253517	13.328	ng		97
87) Indeno(1,2,3-cd)pyrene	17.003	276	140147	5.666	ng		97
88) Benzo(b)fluoranthene	15.062	252	310977m	13.887	ng		
89) Benzo(k)fluoranthene	15.086	252	100609m	4.541	ng		
90) Benzo(a)pyrene	15.433	252	278789	13.399	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	40928	2.020	ng		94
92) Benzo(g,h,i)perylene	17.468	276	130905	8.228	ng		98

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

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