Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135898.D
Acq On : 19 Oct 2023 21:22
Operator : CG\JU
Sample : 04704-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 20 02:05:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	67929	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	221544	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	107193	20.000	ng		-0.02
64) Phenanthrene-d10	11.269	188	155264	20.000	ng		-0.01
76) Chrysene-d12	13.933	240	104560	20.000	ng		-0.02
86) Perylene-d12	15.415	264	122612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	64318	15.223	ng		0.00
7) Phenol-d6	6.398	99	108347	20.552	ng		0.00
23) Nitrobenzene-d5	7.304	82	50420	12.517	ng		-0.01
42) 2,4,6-Tribromophenol	10.574	330	12108	11.771	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	126510	18.453	ng		-0.01
79) Terphenyl-d14	12.863	244	109152	19.332	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.033	128	121222	11.218	ng		99
37) 2-Methylnaphthalene	8.733	142	31624	4.442	ng		90
38) 1-Methylnaphthalene	8.828	142	45200	6.883	ng		99
49) Acenaphthylene	9.633	152	49663	5.071	ng		99
52) Acenaphthene	9.804	154	17214	2.933	ng		93
55) Dibenzofuran	9.980	168	24567	2.774	ng	#	96
58) Fluorene	10.322	166	45620	6.579	ng		100
71) Phenanthrene	11.292	178	245518	33.009	ng		99
72) Anthracene	11.345	178	70130	9.099	ng		96
75) Fluoranthene	12.492	202	253165	30.668	ng		97
78) Pyrene	12.721	202	285164	34.320	ng		99
81) Benzo(a)anthracene	13.927	228	106090	15.447	ng		98
83) Chrysene	13.962	228	102885	15.467	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	30924	4.629	ng		96
88) Benzo(b)fluoranthene	14.986	252	97896m	14.266	ng		
89) Benzo(k)fluoranthene	15.009	252	28940m	4.344	ng		
90) Benzo(a)pyrene	15.357	252	89070	13.803	ng		97
92) Benzo(g,h,i)perylene	17.380	276	31480	5.596	ng		97

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

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