Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135830.D
Acq On : 18 Oct 2023 00:37
Operator : CG\JU
Sample : 04812-01RE 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 18 02:05:12 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

Instrument :
BNA_F
ClientSampleId :
VNJ-223RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	82424	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	294861	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	134461	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	221399	20.000	ng	0.00
76) Chrysene-d12	13.951	240	133835	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	120621	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	80174	15.639	ng	0.01
7) Phenol-d6	6.404	99	109237	17.077	ng	0.00
23) Nitrobenzene-d5	7.304	82	67800	12.646	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	18801	14.571	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	138519	16.107	ng	-0.01
79) Terphenyl-d14	12.869	244	137138	18.976	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.810	154	203764	27.674	ng	100
55) Dibenzofuran	9.986	168	144818	13.035	ng	95
58) Fluorene	10.328	166	242685	27.903	ng	98
71) Phenanthrene	11.304	178	915603	86.328	ng	99
72) Anthracene	11.351	178	616226	56.070	ng	100
73) Carbazole	11.516	167	118884	11.598	ng	100
75) Fluoranthene	12.516	202	3036944	257.994	ng	100
78) Pyrene	12.745	202	2475618	232.775	ng	98
81) Benzo(a)anthracene	13.945	228	1361086	154.830	ng	99
83) Chrysene	13.980	228	1307739m	153.588	ng	
84) Bis(2-ethylhexyl)phtha...	13.916	149	64918	10.249	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.962	276	824090	125.387	ng	95
88) Benzo(b)fluoranthene	15.016	252	1605925m	237.889	ng	
89) Benzo(k)fluoranthene	15.033	252	471331m	71.915	ng	
90) Benzo(a)pyrene	15.386	252	1139686	179.536	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	186149m	34.550	ng	
92) Benzo(g,h,i)perylene	17.427	276	829805	149.935	ng	97

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

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