Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135142.D
Acq On : 07 Sep 2023 19:39
Operator : CG\JU
Sample : 04189-03DL2 500X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)DL2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89694	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	366602	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	181780	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	315665	20.000	ng	0.00
76) Chrysene-d12	13.957	240	153381	20.000	ng	0.00
86) Perylene-d12	15.427	264	179777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1125	0.194	ng	0.00
7) Phenol-d6	6.410	99	1628	0.225	ng	0.00
23) Nitrobenzene-d5	7.334	82	1236	0.189	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	433	0.225	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2400	0.215	ng	-0.01
79) Terphenyl-d14	12.892	244	2672	0.284	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.081	128	1905444	106.400	ng	99
37) 2-Methylnaphthalene	8.763	142	288040	24.106	ng	96
38) 1-Methylnaphthalene	8.863	142	156729	14.018	ng	99
46) 1,1'-Biphenyl	9.228	154	88683	6.385	ng	98
49) Acenaphthylene	9.669	152	101420	6.424	ng	98
52) Acenaphthene	9.839	154	38438	3.820	ng	97
55) Dibenzofuran	10.016	168	214751	14.797	ng	100
58) Fluorene	10.357	166	173180	15.652	ng	100
71) Phenanthrene	11.327	178	877940	53.910	ng	99
72) Anthracene	11.374	178	187509	11.269	ng	99
73) Carbazole	11.533	167	75430	5.256	ng	99
75) Fluoranthene	12.521	202	507686	30.834	ng	99
78) Pyrene	12.751	202	397539	27.298	ng	99
81) Benzo(a)anthracene	13.945	228	130222	12.446	ng	97
83) Chrysene	13.980	228	78450	7.630	ng	96
87) Indeno(1,2,3-cd)pyrene	16.904	276	62798	5.186	ng	96
88) Benzo(b)fluoranthene	14.998	252	132473m	11.843	ng	
89) Benzo(k)fluoranthene	15.021	252	38782m	3.589	ng	
90) Benzo(a)pyrene	15.362	252	109662	10.553	ng	97
92) Benzo(g,h,i)perylene	17.345	276	54434	5.336	ng	99

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

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