Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135216.D
Acq On : 13 Sep 2023 10:18
Operator : CG\JU
Sample : 04189-03DL3 1000X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)DL3

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 12:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109284	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	413968	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	164392	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	236639	20.000	ng	0.00
76) Chrysene-d12	13.945	240	202873	20.000	ng	0.00
86) Perylene-d12	15.410	264	193687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	316	0.047	ng	0.02
7) Phenol-d6	6.410	99	669	0.078	ng	0.00
23) Nitrobenzene-d5	7.328	82	367	0.048	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	119	0.073	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1462	0.134	ng	-0.01
79) Terphenyl-d14	12.886	244	1546	0.118	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.069	128	1159921	57.669	ng	100
37) 2-Methylnaphthalene	8.757	142	156471	11.573	ng	97
38) 1-Methylnaphthalene	8.857	142	86239	6.813	ng	97
46) 1,1'-Biphenyl	9.222	154	47130	3.731	ng	98
49) Acenaphthylene	9.657	152	50900	3.341	ng	99
55) Dibenzofuran	10.004	168	101839	7.416	ng	99
58) Fluorene	10.345	166	76758	7.271	ng	99
71) Phenanthrene	11.316	178	348495	31.138	ng	100
72) Anthracene	11.369	178	69327	6.026	ng	98
73) Carbazole	11.528	167	29984	2.863	ng	97
75) Fluoranthene	12.510	202	242624	20.805	ng	97
78) Pyrene	12.739	202	203824	10.553	ng	98
81) Benzo(a)anthracene	13.933	228	82742	6.316	ng	97
83) Chrysene	13.969	228	55025	4.225	ng	96
87) Indeno(1,2,3-cd)pyrene	16.880	276	28083	2.211	ng	94
88) Benzo(b)fluoranthene	14.986	252	75660m	7.216	ng	
89) Benzo(k)fluoranthene	15.010	252	22933m	2.214	ng	
90) Benzo(a)pyrene	15.351	252	57375	5.738	ng	98
92) Benzo(g,h,i)perylene	17.327	276	25643	2.363	ng	95

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

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