Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135123.D
Acq On : 06 Sep 2023 07:07
Operator : CG\JU
Sample : 04189-03DL 50X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 07:29:22 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	6.775	152	94831	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	300403	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	179881	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	255406	20.000	ng	0.00
76) Chrysene-d12	13.969	240	160850	20.000	ng	0.00
86) Perylene-d12	15.433	264	147695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	12556	2.045	ng	0.00
7) Phenol-d6	6.404	99	16809	2.197	ng	-0.01
23) Nitrobenzene-d5	7.334	82	9786	1.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	3473	1.820	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	20641	1.868	ng	-0.01
79) Terphenyl-d14	12.898	244	19158	1.944	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.110	128	9356674	637.612	ng	96
37) 2-Methylnaphthalene	8.781	142	1883537	192.369	ng	99
38) 1-Methylnaphthalene	8.875	142	1135456	123.938	ng	99
46) 1,1'-Biphenyl	9.234	154	719668	52.365	ng	99
49) Acenaphthylene	9.675	152	855337	54.749	ng	100
52) Acenaphthene	9.845	154	326022	32.746	ng	98
55) Dibenzofuran	10.022	168	1472568	102.534	ng	97
58) Fluorene	10.369	166	1159404	105.891	ng	99
71) Phenanthrene	11.351	178	4493278	341.006	ng	99
72) Anthracene	11.392	178	1218822	90.534	ng	99
73) Carbazole	11.545	167	557730	48.032	ng	100
75) Fluoranthene	12.545	202	3191889	239.593	ng	100
78) Pyrene	12.775	202	2694782	176.452	ng	98
81) Benzo(a)anthracene	13.957	228	1205266	109.848	ng	94
83) Chrysene	13.992	228	739550	68.585	ng	97
87) Indeno(1,2,3-cd)pyrene	16.921	276	479564m	48.206	ng	
88) Benzo(b)fluoranthene	15.016	252	1013428m	110.277	ng	
89) Benzo(k)fluoranthene	15.039	252	362966m	40.883	ng	
90) Benzo(a)pyrene	15.380	252	829254	97.136	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	96955	12.033	ng	95
92) Benzo(g,h,i)perylene	17.374	276	412947	49.277	ng	98

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

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