Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134638.D
Acq On : 04 Aug 2023 18:04
Operator : CG\JU
Sample : 03775-02DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 00:08:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	154822	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	566264	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	220399	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	351797	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	345086	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	259532	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	44181	4.338	ng		-0.01
7) Phenol-d6	6.422	99	53025	4.073	ng		-0.02
23) Nitrobenzene-d5	7.351	82	28054	3.096	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	7651	3.405	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	55336	4.175	ng		-0.01
79) Terphenyl-d14	12.910	244	60594	3.095	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.098	128	592225	20.809	ng		99
37) 2-Methylnaphthalene	8.786	142	251490	13.332	ng		99
38) 1-Methylnaphthalene	8.886	142	296485	16.902	ng		96
46) 1,1'-Biphenyl	9.251	154	74974	4.374	ng		98
49) Acenaphthylene	9.692	152	185502	9.189	ng		98
52) Acenaphthene	9.863	154	137590	10.518	ng		98
55) Dibenzofuran	10.033	168	54285	2.915	ng	#	90
58) Fluorene	10.380	166	262159	19.327	ng		96
71) Phenanthrene	11.345	178	1071381	57.336	ng		99
72) Anthracene	11.392	178	344663	18.058	ng		99
75) Fluoranthene	12.539	202	976878	49.491	ng		97
78) Pyrene	12.768	202	1542802	51.666	ng		96
81) Benzo(a)anthracene	13.957	228	678017m	27.478	ng		
83) Chrysene	13.992	228	644622	26.814	ng		96
87) Indeno(1,2,3-cd)pyrene	16.915	276	148284	9.715	ng	#	94
88) Benzo(b)fluoranthene	15.009	252	418646m	26.449	ng		
89) Benzo(k)fluoranthene	15.033	252	115084m	7.299	ng		
90) Benzo(a)pyrene	15.374	252	399221	27.051	ng	#	97
91) Dibenzo(a,h)anthracene	16.927	278	51311m	4.160	ng		
92) Benzo(g,h,i)perylene	17.362	276	163602	13.002	ng	#	92

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

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