Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041300.D
Acq On : 04 Aug 2023 18:38
Operator : MA/JU
Sample : 03862-03DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-17-(0-5)DL

Manual Integrations APPROVED

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

Quant Time: Aug 05 01:29:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	142849	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	616753	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	407758	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	957410	20.000	ng		0.00
76) Chrysene-d12	21.421	240	956473	20.000	ng		-0.01
86) Perylene-d12	23.797	264	980253	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	79770	8.346	ng		0.00
7) Phenol-d6	6.975	99	103636	8.365	ng		0.00
23) Nitrobenzene-d5	8.969	82	68671	5.178	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	47782	8.285	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	170090	5.269	ng		-0.01
79) Terphenyl-d14	19.851	244	298505	5.643	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.645	128	185435	5.541	ng		100
37) 2-Methylnaphthalene	12.263	142	209865	9.301	ng		98
38) 1-Methylnaphthalene	12.486	142	173657	8.223	ng		98
49) Acenaphthylene	14.180	152	280098	7.031	ng		97
58) Fluorene	15.510	166	307541	9.956	ng		100
71) Phenanthrene	17.263	178	1960626	36.858	ng		99
72) Anthracene	17.351	178	461523	8.773	ng		99
75) Fluoranthene	19.286	202	1487229	24.886	ng		99
78) Pyrene	19.651	202	1989997	29.751	ng		100
81) Benzo(a)anthracene	21.409	228	717255	11.062	ng		93
83) Chrysene	21.462	228	623297	9.938	ng		98
87) Indeno(1,2,3-cd)pyrene	26.233	276	285354	3.959	ng	#	93
88) Benzo(b)fluoranthene	23.074	252	612397m	10.516	ng		
89) Benzo(k)fluoranthene	23.115	252	232397m	3.901	ng		
90) Benzo(a)pyrene	23.686	252	544854	9.738	ng		96
92) Benzo(g,h,i)perylene	26.991	276	296585	5.042	ng		97

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

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