Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042522.D
Acq On : 31 Oct 2023 21:59
Operator : MA/JU
Sample : 04938-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-5(0-2)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Quant Time: Nov 01 01:51:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	77448	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	290671	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	169186	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	377291	20.000	ng		0.00
76) Chrysene-d12	21.533	240	332416	20.000	ng		0.02
86) Perylene-d12	23.968	264	394102	20.000	ng	#	0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	33834	7.050	ng		0.00
7) Phenol-d6	7.093	99	40701	6.184	ng		0.00
23) Nitrobenzene-d5	9.122	82	27129	4.351	ng		-0.01
42) 2,4,6-Tribromophenol	16.069	330	14093	6.380	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	55560	4.419	ng		0.00
79) Terphenyl-d14	19.939	244	88110	4.494	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.792	128	155698	10.368	ng		99
37) 2-Methylnaphthalene	12.398	142	49665	4.696	ng		99
38) 1-Methylnaphthalene	12.616	142	44762	4.496	ng		99
46) 1,1'-Biphenyl	13.410	154	30395	2.350	ng		99
49) Acenaphthylene	14.304	152	90397	5.753	ng		99
52) Acenaphthene	14.639	154	726918	76.227	ng		99
55) Dibenzofuran	14.974	168	555704	35.841	ng		99
58) Fluorene	15.621	166	840627	67.009	ng		99
71) Phenanthrene	17.392	178	15365064	779.282	ng		99
72) Anthracene	17.474	178	4203764	215.253	ng		99
73) Carbazole	17.757	167	2784624	175.271	ng		100
75) Fluoranthene	19.404	202	22129677	955.477	ng		96
78) Pyrene	19.774	202	19699395	863.030	ng	#	95
81) Benzo(a)anthracene	21.515	228	12544056	593.098	ng		95
83) Chrysene	21.574	228	11283390m	525.198	ng		
87) Indeno(1,2,3-cd)pyrene	26.585	276	10603269	452.050	ng	#	88
88) Benzo(b)fluoranthene	23.244	252	18574449	845.976	ng	#	96
89) Benzo(k)fluoranthene	23.292	252	5842572m	238.804	ng		
90) Benzo(a)pyrene	23.897	252	13475121m	623.375	ng		
91) Dibenzo(a,h)anthracene	26.574	278	2410523m	105.861	ng		
92) Benzo(g,h,i)perylene	27.397	276	10000782	483.758	ng	#	92

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

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