Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Aug 05 01:30:02 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	130755	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	563950	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	388162	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	892675	20.000	ng	#	0.00
76) Chrysene-d12	21.427	240	849915	20.000	ng		0.00
86) Perylene-d12	23.798	264	814087	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	8469	0.968	ng		0.00
7) Phenol-d6	6.981	99	10433	0.920	ng		0.00
23) Nitrobenzene-d5	8.981	82	7697m	0.635	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	5197	0.947	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	21058	0.685	ng		0.00
79) Terphenyl-d14	19.857	244	39960	0.850	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.651	128	4552087	148.746	ng		100
37) 2-Methylnaphthalene	12.269	142	1739723	84.321	ng		99
38) 1-Methylnaphthalene	12.487	142	1190007	61.625	ng		99
46) 1,1'-Biphenyl	13.286	154	447199	14.211	ng		99
49) Acenaphthylene	14.181	152	1158826	30.556	ng		99
52) Acenaphthene	14.522	154	325640	14.253	ng		99
55) Dibenzofuran	14.857	168	93997	2.522	ng	#	82
57) 2,4-Dinitrotoluene	14.857	165	4956	3.212	ng	#	45
58) Fluorene	15.510	166	1044920	35.534	ng		100
71) Phenanthrene	17.269	178	5793727	116.815	ng		99
72) Anthracene	17.351	178	1469187	29.951	ng		100
75) Fluoranthene	19.286	202	2217165	39.790	ng		99
78) Pyrene	19.657	202	4014622	67.546	ng		100
81) Benzo(a)anthracene	21.409	228	1531124	26.574	ng		95
83) Chrysene	21.462	228	1319189	23.671	ng		99
87) Indeno(1,2,3-cd)pyrene	26.239	276	362241	6.052	ng	#	95
88) Benzo(b)fluoranthene	23.080	252	932687m	19.286	ng		
89) Benzo(k)fluoranthene	23.115	252	239336m	4.838	ng		
90) Benzo(a)pyrene	23.692	252	1065766	22.935	ng		97
91) Dibenzo(a,h)anthracene	26.239	278	127841	2.561	ng		92
92) Benzo(g,h,i)perylene	26.997	276	409036	8.374	ng		97

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

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