Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041273.D
Acq On : 03 Aug 2023 22:05
Operator : MA/JU
Sample : 03775-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-10-(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:25:26 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	206655	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	899980	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	573653	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1084229	20.000	ng		0.00
76) Chrysene-d12	21.445	240	691282	20.000	ng		0.01
86) Perylene-d12	23.827	264	913502	20.000	ng	#	0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1149660	83.147	ng		0.00
7) Phenol-d6	6.981	99	1552591	86.626	ng		0.00
23) Nitrobenzene-d5	8.975	82	1018931	52.651	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	699394	86.196	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2512036	55.318	ng		0.00
79) Terphenyl-d14	19.868	244	2896559	75.760	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.657	128	3082513	63.117	ng		99
37) 2-Methylnaphthalene	12.275	142	1025090	31.133	ng		99
38) 1-Methylnaphthalene	12.498	142	2049722	66.514	ng		99
46) 1,1'-Biphenyl	13.292	154	642103	13.807	ng		98
49) Acenaphthylene	14.192	152	4421861	78.895	ng		99
52) Acenaphthene	14.527	154	977591	28.953	ng		100
55) Dibenzofuran	14.863	168	766741	13.918	ng	#	90
58) Fluorene	15.521	166	3418195	78.654	ng		99
71) Phenanthrene	17.292	178	14956234	248.276	ng		97
72) Anthracene	17.368	178	5463741	91.706	ng		100
73) Carbazole	17.645	167	459409	8.519	ng		95
75) Fluoranthene	19.321	202	13104613	193.630	ng		98
78) Pyrene	19.692	202	19163357	396.410	ng		95
81) Benzo(a)anthracene	21.427	228	9012247	192.309	ng	#	87
83) Chrysene	21.486	228	8706482	192.077	ng		93
84) Bis(2-ethylhexyl)phtha...	21.339	149	51062	4.264	ng	#	78
87) Indeno(1,2,3-cd)pyrene	26.309	276	4661438	69.406	ng	#	93
88) Benzo(b)fluoranthene	23.115	252	9842710m	181.374	ng		
89) Benzo(k)fluoranthene	23.150	252	2439580m	43.948	ng		
90) Benzo(a)pyrene	23.739	252	9943086m	190.687	ng		
91) Dibenzo(a,h)anthracene	26.309	278	1568645	28.002	ng	#	94
92) Benzo(g,h,i)perylene	27.085	276	5043225	92.007	ng		95

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

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