Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

Manual Integrations APPROVED

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

Quant Time: Aug 04 01:27:01 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	136181	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	612010	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	424623	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1014839	20.000	ng		0.00
76) Chrysene-d12	21.433	240	713362	20.000	ng		0.00
86) Perylene-d12	23.804	264	688319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	767579	84.242	ng		0.00
7) Phenol-d6	6.981	99	1072660	90.820	ng		0.00
23) Nitrobenzene-d5	8.969	82	672180	51.077	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	516755	86.039	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	1606583	47.796	ng		0.00
79) Terphenyl-d14	19.863	244	2610556	66.166	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.651	128	385131	11.596	ng		99
37) 2-Methylnaphthalene	12.275	142	73332	3.275	ng		97
38) 1-Methylnaphthalene	12.493	142	64265	3.067	ng		98
49) Acenaphthylene	14.187	152	242204	5.838	ng		99
55) Dibenzofuran	14.863	168	89283	2.190	ng		98
58) Fluorene	15.516	166	127066	3.950	ng		99
71) Phenanthrene	17.269	178	1578625	27.997	ng		100
72) Anthracene	17.357	178	584502	10.481	ng		99
73) Carbazole	17.639	167	137132	2.717	ng		99
75) Fluoranthene	19.298	202	3421259	54.008	ng		98
78) Pyrene	19.663	202	3180042	63.746	ng		100
81) Benzo(a)anthracene	21.416	228	1702182	35.198	ng		96
83) Chrysene	21.468	228	1528228	32.671	ng		98
84) Bis(2-ethylhexyl)phtha...	21.333	149	15208	3.037	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.256	276	763279	15.083	ng	#	93
88) Benzo(b)fluoranthene	23.086	252	1715144	41.945	ng		98
89) Benzo(k)fluoranthene	23.127	252	607213m	14.517	ng		
90) Benzo(a)pyrene	23.704	252	1201881	30.590	ng		96
91) Dibenzo(a,h)anthracene	26.262	278	228340m	5.410	ng		
92) Benzo(g,h,i)perylene	27.015	276	710464	17.202	ng		97

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

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