Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

Manual Integrations APPROVED

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

Quant Time: Aug 04 02:25:45 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	7.792	152	167714	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	743304	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	512722	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1111617	20.000	ng		0.00
76) Chrysene-d12	21.427	240	723181	20.000	ng		0.00
86) Perylene-d12	23.803	264	758205	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	988435	88.085	ng		0.00
7) Phenol-d6	6.981	99	1397102	96.049	ng		0.00
23) Nitrobenzene-d5	8.975	82	888106	55.564	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	631400	87.063	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2079898	51.245	ng		0.00
79) Terphenyl-d14	19.862	244	2795433	69.890	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.651	128	1407387	34.892	ng		100
37) 2-Methylnaphthalene	12.274	142	401848	14.777	ng		99
38) 1-Methylnaphthalene	12.492	142	390772	15.353	ng		99
46) 1,1'-Biphenyl	13.292	154	88011	2.117	ng		97
49) Acenaphthylene	14.186	152	416578	8.316	ng		98
52) Acenaphthene	14.527	154	101428	3.361	ng		99
55) Dibenzofuran	14.863	168	164917	3.349	ng	#	93
58) Fluorene	15.515	166	287639	7.405	ng		98
71) Phenanthrene	17.268	178	2412938	39.068	ng		99
72) Anthracene	17.356	178	685388	11.220	ng		99
73) Carbazole	17.639	167	199571	3.610	ng		99
75) Fluoranthene	19.298	202	3118016	44.936	ng		98
78) Pyrene	19.662	202	3400779	67.245	ng		100
81) Benzo(a)anthracene	21.415	228	1648987	33.635	ng		96
83) Chrysene	21.468	228	1476248	31.131	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	18294	3.130	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.262	276	864362	15.506	ng	#	93
88) Benzo(b)fluoranthene	23.086	252	1702266	37.793	ng		98
89) Benzo(k)fluoranthene	23.127	252	585779m	12.714	ng		
90) Benzo(a)pyrene	23.703	252	1386941	32.046	ng		96
91) Dibenzo(a,h)anthracene	26.262	278	254465	5.473	ng	#	80
92) Benzo(g,h,i)perylene	27.021	276	866696	19.050	ng		96

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

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