Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039129.D
Acq On : 23 Mar 2023 23:14
Operator : CG/JU
Sample : 01998-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 24 04:35:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

03/24/2023
Supervised By :Jagrut Upadhyay

03/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	256113	20.000	ng		-0.01
21) Naphthalene-d8	10.769	136	1001436	20.000	ng		-0.01
39) Acenaphthene-d10	14.598	164	563148	20.000	ng		-0.01
64) Phenanthrene-d10	17.345	188	1146198	20.000	ng		0.00
76) Chrysene-d12	21.527	240	1011477	20.000	ng		0.00
86) Perylene-d12	23.956	264	1162018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1273917	75.570	ng		0.00
7) Phenol-d6	7.122	99	1594833	72.836	ng		0.00
23) Nitrobenzene-d5	9.128	82	1001614	49.130	ng		-0.01
42) 2,4,6-Tribromophenol	16.092	330	523851	80.410	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	2039828	47.154	ng		0.00
79) Terphenyl-d14	19.968	244	2815585	50.894	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.322	152	131426	2.293	ng		98
52) Acenaphthene	14.663	154	119551	3.395	ng		98
58) Fluorene	15.645	166	138048	3.198	ng		99
71) Phenanthrene	17.392	178	1899530	28.237	ng		100
72) Anthracene	17.480	178	599423	8.935	ng		99
73) Carbazole	17.751	167	288070	4.705	ng		99
75) Fluoranthene	19.404	202	3591055	50.558	ng		98
78) Pyrene	19.768	202	3252925	42.818	ng		100
81) Benzo(a)anthracene	21.509	228	1777522	24.403	ng		97
83) Chrysene	21.562	228	1681470	23.735	ng		98
84) Bis(2-ethylhexyl)phtha...	21.433	149	67290m	3.851	ng		
87) Indeno(1,2,3-cd)pyrene	26.485	276	1282874	14.509	ng		96
88) Benzo(b)fluoranthene	23.221	252	2672252	35.996	ng		98
89) Benzo(k)fluoranthene	23.262	252	855829m	11.077	ng		
90) Benzo(a)pyrene	23.850	252	1727441	24.178	ng		99
91) Dibenzo(a,h)anthracene	26.497	278	337314	4.505	ng	#	89
92) Benzo(g,h,i)perylene	27.268	276	1256577	17.152	ng		99

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

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