Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011123\
Data File : BM038427.D
Acq On : 11 Jan 2023 10:38
Operator : CG/JU
Sample : N4239-01
Misc : SFAM-SIM-MDL-W-01-0.07NG
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2022-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 12 01:16:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 01:15:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	1364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	3502	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	1967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	3911	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	4255	0.400	ng/ul	0.00
23) Perylene-d12	23.971	264	4833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	1119	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	1648	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3898	0.323	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	166m	0.080	ng/ul	
5) Naphthalene	10.862	128	549	0.059	ng/ul#	66
7) 2-Methylnaphthalene	12.473	142	320	0.056	ng/ul	96
8) 1-Methylnaphthalene	12.687	142	303	0.052	ng/ul	94
10) Acenaphthylene	14.356	152	512	0.056	ng/ul#	70
11) Acenaphthene	14.689	153	396	0.058	ng/ul	95
12) Fluorene	15.684	166	414	0.054	ng/ul#	92
14) Pentachlorophenol	17.037	266	168	0.121	ng/ul	88
15) Phenanthrene	17.417	178	675	0.058	ng/ul#	78
16) Anthracene	17.514	178	552	0.052	ng/ul#	69
19) Fluoranthene	19.422	202	855	0.058	ng/ul#	73
20) Pyrene	19.789	202	928	0.059	ng/ul#	81
21) Benzo(a)anthracene	21.530	228	817	0.058	ng/ul#	87
22) Chrysene	21.583	228	877	0.059	ng/ul#	89
24) Benzo(b)fluoranthene	23.234	252	1051	0.060	ng/ul#	55
25) Benzo(k)fluoranthene	23.284	252	965	0.055	ng/ul#	52
26) Benzo(a)pyrene	23.866	252	917	0.055	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.518	276	1418	0.059	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.528	278	1084	0.057	ng/ul#	45
29) Benzo(g,h,i)perylene	27.303	276	1200	0.056	ng/ul#	73

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

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