Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070325\
Data File : BM050355.D
Acq On : 03 Jul 2025 14:56
Operator : RC/JU
Sample : Q2117-01
Misc : MDL-WATER-0.07ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2025-03

Quant Time: Jul 03 16:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 12:56:29 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	8077	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	20263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.491	164	9373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.224	188	16768	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	12866	0.400	ng/ul	0.00
23) Perylene-d12	23.677	264	12367	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	5716	0.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.249	152	8431	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	12689	0.336	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	708m	0.067	ng/ul	
5) Naphthalene	10.715	128	4054	0.072	ng/ul#	94
7) 2-Methylnaphthalene	12.326	142	2494	0.071	ng/ul	99
8) 1-Methylnaphthalene	12.541	142	2276	0.066	ng/ul	97
10) Acenaphthylene	14.214	152	3115	0.070	ng/ul#	92
11) Acenaphthene	14.556	153	2346	0.072	ng/ul	97
12) Fluorene	15.537	166	2512	0.071	ng/ul	96
14) Pentachlorophenol	16.878	266	298	0.079	ng/ul	95
15) Phenanthrene	17.271	178	3619	0.068	ng/ul#	91
16) Anthracene	17.359	178	3185	0.068	ng/ul#	91
19) Fluoranthene	19.275	202	4197	0.076	ng/ul	95
20) Pyrene	19.633	202	4148	0.075	ng/ul#	93
21) Benzo(a)anthracene	21.368	228	3382	0.074	ng/ul	96
22) Chrysene	21.421	228	4258	0.077	ng/ul	97
24) Benzo(b)fluoranthene	22.984	252	4643m	0.087	ng/ul	
25) Benzo(k)fluoranthene	23.031	252	4955	0.081	ng/ul#	64
26) Benzo(a)pyrene	23.578	252	3257	0.074	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.021	276	4968	0.080	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.041	278	3784	0.079	ng/ul#	55
29) Benzo(g,h,i)perylene	26.735	276	4570	0.083	ng/ul#	85

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

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