Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070725\
Data File : BM050361.D
Acq On : 07 Jul 2025 12:02
Operator : RC/JU
Sample : Q2117-02
Misc : MDL-WATER-0.07 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/08/2025
Supervised By :Jagrut Upadhyay 07/08/2025

Quant Time: Jul 07 12:36:14 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.872	152	8205	0.400	ng/ul		0.00
4) Naphthalene-d8	10.666	136	20388	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.492	164	10020	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.224	188	18840	0.400	ng/ul		0.00
17) Chrysene-d12	21.380	240	15141	0.400	ng/ul	#	0.00
23) Perylene-d12	23.671	264	15389	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.307	96	5393	0.568	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.250	152	9007	0.327	ng/ul		0.00
18) Fluoranthene-d10	19.243	212	14953	0.337	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	615m	0.057	ng/ul		
5) Naphthalene	10.710	128	3889	0.069	ng/ul	#	93
7) 2-Methylnaphthalene	12.327	142	2486	0.071	ng/ul		99
8) 1-Methylnaphthalene	12.541	142	2318	0.067	ng/ul		100
10) Acenaphthylene	14.214	152	3121	0.066	ng/ul		93
11) Acenaphthene	14.552	153	2443	0.070	ng/ul		98
12) Fluorene	15.537	166	2572	0.068	ng/ul		99
14) Pentachlorophenol	16.878	266	273	0.065	ng/ul		97
15) Phenanthrene	17.267	178	3946	0.066	ng/ul	#	92
16) Anthracene	17.355	178	3195	0.061	ng/ul	#	92
19) Fluoranthene	19.270	202	4655	0.072	ng/ul		100
20) Pyrene	19.633	202	4543	0.070	ng/ul		99
21) Benzo(a)anthracene	21.365	228	3664	0.068	ng/ul		98
22) Chrysene	21.418	228	4514	0.070	ng/ul		98
24) Benzo(b)fluoranthene	22.979	252	4525	0.068	ng/ul	#	67
25) Benzo(k)fluoranthene	23.025	252	4814	0.063	ng/ul	#	67
26) Benzo(a)pyrene	23.569	252	3438	0.062	ng/ul	#	55
27) Indeno(1,2,3-cd)pyrene	26.011	276	5596	0.072	ng/ul	#	95
28) Dibenzo(a,h)anthracene	26.031	278	4134	0.070	ng/ul	#	63
29) Benzo(g,h,i)perylene	26.728	276	4835	0.070	ng/ul	#	90

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

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