Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061825\
Data File : BN037308.D
Acq On : 18 Jun 2025 10:43
Operator : RC/JU
Sample : Q2117-02
Misc : MDL-WATER-0.07 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/18/2025
Supervised By :Jagrut Upadhyay 06/18/2025

Quant Time: Jun 18 12:13:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 17 15:03:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.582	152	626	0.400	ng/ul		0.00
4) Naphthalene-d8	10.353	136	1471	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.224	164	1167	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.985	188	2262	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.181	240	2256	0.400	ng/ul	#	0.00
23) Perylene-d12	23.361	264	2601	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.072	96	473	0.814	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.964	152	780	0.318	ng/ul		0.00
18) Fluoranthene-d10	19.016	212	2465	0.342	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.105	88	52m	0.071	ng/ul		
5) Naphthalene	10.408	128	276	0.071	ng/ul	#	39
7) 2-Methylnaphthalene	12.041	142	189	0.067	ng/ul		95
8) 1-Methylnaphthalene	12.261	142	210	0.073	ng/ul		100
10) Acenaphthylene	13.946	152	374	0.071	ng/ul	#	63
11) Acenaphthene	14.289	153	271	0.072	ng/ul	#	93
12) Fluorene	15.302	166	295	0.065	ng/ul	#	90
14) Pentachlorophenol	16.652	266	58	0.069	ng/ul		88
15) Phenanthrene	17.023	178	465	0.071	ng/ul	#	64
16) Anthracene	17.133	178	343	0.057	ng/ul	#	49
19) Fluoranthene	19.044	202	647	0.072	ng/ul	#	67
20) Pyrene	19.411	202	689	0.076	ng/ul	#	66
21) Benzo(a)anthracene	21.169	228	441	0.058	ng/ul	#	71
22) Chrysene	21.216	228	758	0.078	ng/ul	#	83
24) Benzo(b)fluoranthene	22.715	252	597	0.066	ng/ul	#	22
25) Benzo(k)fluoranthene	22.759	252	770	0.072	ng/ul	#	23
26) Benzo(a)pyrene	23.273	252	572	0.063	ng/ul	#	16
27) Indeno(1,2,3-cd)pyrene	25.571	276	758	0.068	ng/ul	#	89
28) Dibenzo(a,h)anthracene	25.598	278	554	0.065	ng/ul	#	1
29) Benzo(g,h,i)perylene	26.222	276	715	0.074	ng/ul	#	62

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

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