Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053024\
Data File : BM045784.D
Acq On : 30 May 2024 10:40
Operator : MA/JU
Sample : P2409-02
Misc : SFAM-SIM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 30 11:44:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 00:02:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	6963	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	21235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.126	164	10963	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	22116	0.400	ng/ul	0.00
17) Chrysene-d12	21.059	240	14039	0.400	ng/ul	0.00
23) Perylene-d12	23.172	264	15671	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.072	96	3218	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	10680	0.364	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	18391	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	539m	0.062	ng/ul	
5) Naphthalene	10.303	128	3768	0.068	ng/ul#	92
7) 2-Methylnaphthalene	11.931	142	2305	0.067	ng/ul	97
8) 1-Methylnaphthalene	12.151	142	2331	0.064	ng/ul	99
10) Acenaphthylene	13.849	152	3395	0.067	ng/ul	97
11) Acenaphthene	14.187	153	2488	0.068	ng/ul	98
12) Fluorene	15.181	166	2699	0.066	ng/ul	99
14) Pentachlorophenol	16.558	266	96m	0.084	ng/ul	
15) Phenanthrene	16.912	178	4123	0.066	ng/ul	97
16) Anthracene	17.001	178	3534m	0.061	ng/ul	
19) Fluoranthene	18.927	202	4329	0.067	ng/ul#	93
20) Pyrene	19.294	202	4447	0.066	ng/ul	96
21) Benzo(a)anthracene	21.041	228	3291	0.061	ng/ul	94
22) Chrysene	21.094	228	3586	0.064	ng/ul	94
24) Benzo(b)fluoranthene	22.546	252	3689	0.064	ng/ul#	33
25) Benzo(k)fluoranthene	22.590	252	3828	0.067	ng/ul#	59
26) Benzo(a)pyrene	23.075	252	3476	0.072	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	25.243	276	3607	0.067	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.260	278	2632	0.067	ng/ul#	53
29) Benzo(g,h,i)perylene	25.873	276	3663	0.068	ng/ul#	83

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

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