Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052924\
Data File : BM045777.D
Acq On : 29 May 2024 11:42
Operator : MA/JU
Sample : P2409-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 29 12:21:18 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-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	7241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	21684	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.127	164	11080	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	21508	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	13394	0.400	ng/ul	0.00
23) Perylene-d12	23.174	264	14540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	3245	0.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	10889	0.363	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	17809	0.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	714m	0.079	ng/ul	
5) Naphthalene	10.310	128	3815	0.068	ng/ul#	93
7) 2-Methylnaphthalene	11.932	142	2316	0.066	ng/ul	98
8) 1-Methylnaphthalene	12.152	142	2378	0.064	ng/ul	100
10) Acenaphthylene	13.850	152	3391	0.066	ng/ul	96
11) Acenaphthene	14.192	153	2485	0.067	ng/ul	98
12) Fluorene	15.182	166	2711	0.066	ng/ul	99
14) Pentachlorophenol	16.571	266	80m	0.072	ng/ul	
15) Phenanthrene	16.913	178	3995	0.066	ng/ul	94
16) Anthracene	17.006	178	3535	0.063	ng/ul	93
19) Fluoranthene	18.928	202	4267	0.069	ng/ul#	92
20) Pyrene	19.295	202	4319	0.068	ng/ul	95
21) Benzo(a)anthracene	21.044	228	3157	0.061	ng/ul#	91
22) Chrysene	21.096	228	3614	0.068	ng/ul#	93
24) Benzo(b)fluoranthene	22.548	252	3529	0.066	ng/ul#	23
25) Benzo(k)fluoranthene	22.592	252	3582	0.068	ng/ul#	36
26) Benzo(a)pyrene	23.080	252	2921	0.065	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	25.252	276	3417	0.068	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.266	278	2600	0.071	ng/ul#	33
29) Benzo(g,h,i)perylene	25.879	276	3572	0.072	ng/ul#	67

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

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