Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
Data File : BM038859.D
Acq On : 03 Mar 2023 15:04
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 04 01:29:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:01:14 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	18960	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	10065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	21444	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	17700	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	17111	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	3803	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	8667	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	17270	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	601m	0.089	ng/ul	
5) Naphthalene	10.870	128	3016	0.067	ng/ul#	93
7) 2-Methylnaphthalene	12.481	142	1828	0.066	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	2310	0.080	ng/ul	99
10) Acenaphthylene	14.362	152	2346	0.064	ng/ul#	94
11) Acenaphthene	14.705	153	2012	0.067	ng/ul	98
12) Fluorene	15.690	166	2224	0.065	ng/ul#	96
14) Pentachlorophenol	17.031	266	608	0.118	ng/ul	97
15) Phenanthrene	17.427	178	3807	0.067	ng/ul	95
16) Anthracene	17.520	178	2890	0.062	ng/ul#	93
19) Fluoranthene	19.438	202	4320	0.072	ng/ul#	95
20) Pyrene	19.801	202	4305	0.070	ng/ul	99
21) Benzo(a)anthracene	21.547	228	3420	0.068	ng/ul	96
22) Chrysene	21.602	228	4458	0.074	ng/ul	98
24) Benzo(b)fluoranthene	23.265	252	4285	0.064	ng/ul	74
25) Benzo(k)fluoranthene	23.315	252	4427	0.066	ng/ul#	79
26) Benzo(a)pyrene	23.906	252	3681	0.069	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.571	276	4267	0.063	ng/ul	97
28) Dibenzo(a,h)anthracene	26.595	278	3241	0.063	ng/ul#	70
29) Benzo(g,h,i)perylene	27.346	276	3956	0.063	ng/ul#	90

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

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