Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030623\
Data File : BM038866.D
Acq On : 06 Mar 2023 11:14
Operator : CG/JU
Sample : 01378-02
Misc : SFAM-SIM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-02

Quant Time: Mar 07 02:26:50 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	6917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	21980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	11420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	23812	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	18317	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	17610	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	4278	0.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9611	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	18231	0.418	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	675	0.085	ng/ul#	82
5) Naphthalene	10.872	128	3461	0.066	ng/ul	95
7) 2-Methylnaphthalene	12.477	142	2081	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.697	142	2549	0.076	ng/ul	100
10) Acenaphthylene	14.364	152	2525	0.061	ng/ul	95
11) Acenaphthene	14.702	153	2189	0.064	ng/ul	98
12) Fluorene	15.687	166	2428	0.063	ng/ul	98
14) Pentachlorophenol	17.028	266	645	0.113	ng/ul	97
15) Phenanthrene	17.425	178	4001	0.064	ng/ul	95
16) Anthracene	17.518	178	3082	0.059	ng/ul#	94
19) Fluoranthene	19.435	202	4373	0.070	ng/ul#	94
20) Pyrene	19.798	202	4476	0.070	ng/ul	98
21) Benzo(a)anthracene	21.544	228	3470	0.067	ng/ul	97
22) Chrysene	21.600	228	4252	0.068	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	4092	0.059	ng/ul#	76
25) Benzo(k)fluoranthene	23.312	252	4365	0.063	ng/ul#	78
26) Benzo(a)pyrene	23.903	252	3255	0.059	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.568	276	4166	0.060	ng/ul	90
28) Dibenzo(a,h)anthracene	26.588	278	3358	0.064	ng/ul#	60
29) Benzo(g,h,i)perylene	27.343	276	3717	0.058	ng/ul#	89

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

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