Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
Data File : BN024077.D
Acq On : 21 Feb 2023 11:19
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 22 01:30:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	6108	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	12282	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.429	240	8611	0.400	ng/ul	# 0.00
23) Perylene-d12	23.814	264	6710	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2459	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	5181	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	10444	0.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	473	0.095	ng/ul#	85
5) Naphthalene	10.683	128	1907	0.062	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	1151	0.057	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	1131	0.055	ng/ul	99
10) Acenaphthylene	14.201	152	1361	0.058	ng/ul#	93
11) Acenaphthene	14.544	153	1265	0.062	ng/ul	97
12) Fluorene	15.538	166	1391	0.056	ng/ul#	98
14) Pentachlorophenol	16.892	266	390	0.096	ng/ul	96
15) Phenanthrene	17.276	178	2231	0.061	ng/ul#	93
16) Anthracene	17.369	178	1702	0.056	ng/ul#	90
19) Fluoranthene	19.295	202	2413	0.084	ng/ul#	89
20) Pyrene	19.657	202	2364	0.080	ng/ul#	88
21) Benzo(a)anthracene	21.411	228	1701	0.058	ng/ul	93
22) Chrysene	21.464	228	1983	0.064	ng/ul	94
24) Benzo(b)fluoranthene	23.089	252	2126	0.072	ng/ul#	46
25) Benzo(k)fluoranthene	23.136	252	1799	0.062	ng/ul#	50
26) Benzo(a)pyrene	23.715	252	1802	0.073	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.295	276	2171	0.063	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.312	278	1668	0.060	ng/ul#	58
29) Benzo(g,h,i)perylene	27.067	276	1863	0.065	ng/ul#	76

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

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