Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032625\
Data File : BM049762.D
Acq On : 26 Mar 2025 10:54
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER-QT1-2025
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2025-02

Quant Time: Mar 26 12:16:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 13:03:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	7171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.594	136	17644	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.436	164	9540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.178	188	17366	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	11460	0.400	ng/ul	0.00
23) Perylene-d12	23.636	264	11158	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	4039	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.183	152	8410	0.320	ng/ul	-0.01
18) Fluoranthene-d10	19.205	212	14369	0.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.282	88	625m	0.070	ng/ul	
5) Naphthalene	10.638	128	3181	0.068	ng/ul#	93
7) 2-Methylnaphthalene	12.260	142	2037	0.068	ng/ul	99
8) 1-Methylnaphthalene	12.480	142	2008	0.065	ng/ul	99
10) Acenaphthylene	14.158	152	2794	0.065	ng/ul	94
11) Acenaphthene	14.501	153	2174	0.070	ng/ul	99
12) Fluorene	15.486	166	2295	0.067	ng/ul#	96
14) Pentachlorophenol	16.836	266	252	0.069	ng/ul	94
15) Phenanthrene	17.220	178	3518	0.067	ng/ul	95
16) Anthracene	17.313	178	2853	0.060	ng/ul#	93
19) Fluoranthene	19.233	202	3712	0.078	ng/ul#	94
20) Pyrene	19.596	202	3813	0.076	ng/ul#	93
21) Benzo(a)anthracene	21.342	228	2787	0.066	ng/ul	97
22) Chrysene	21.391	228	3371	0.075	ng/ul	98
24) Benzo(b)fluoranthene	22.949	252	3258m	0.081	ng/ul	
25) Benzo(k)fluoranthene	22.996	252	2972m	0.071	ng/ul	
26) Benzo(a)pyrene	23.540	252	3078	0.082	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	25.957	276	4361	0.081	ng/ul	94
28) Dibenzo(a,h)anthracene	25.970	278	3129	0.076	ng/ul#	66
29) Benzo(g,h,i)perylene	26.658	276	3527	0.081	ng/ul#	84

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

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