Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011023\
Data File : BN023599.D
Acq On : 10 Jan 2023 11:27
Operator : CG/JU
Sample : N4239-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2022-06

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 10 12:02:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:28:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	3972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	11956	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	6617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	14373	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	11698	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	9238	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2186	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	5666	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	12673	0.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	361m	0.078	ng/ul	
5) Naphthalene	10.810	128	2044	0.059	ng/ul#	91
7) 2-Methylnaphthalene	12.427	142	1246	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.647	142	1231	0.054	ng/ul	99
10) Acenaphthylene	14.321	152	1461	0.054	ng/ul#	91
11) Acenaphthene	14.664	153	1393	0.059	ng/ul	97
12) Fluorene	15.649	166	1547	0.057	ng/ul#	93
14) Pentachlorophenol	16.998	266	446	0.096	ng/ul	99
15) Phenanthrene	17.390	178	2671	0.059	ng/ul	93
16) Anthracene	17.483	178	2008	0.052	ng/ul#	87
19) Fluoranthene	19.406	202	3039	0.069	ng/ul	96
20) Pyrene	19.769	202	3089	0.066	ng/ul#	91
21) Benzo(a)anthracene	21.522	228	2393	0.055	ng/ul	96
22) Chrysene	21.575	228	2821	0.065	ng/ul	98
24) Benzo(b)fluoranthene	23.221	252	2822	0.066	ng/ul#	57
25) Benzo(k)fluoranthene	23.270	252	2497	0.062	ng/ul#	60
26) Benzo(a)pyrene	23.852	252	2114	0.059	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.493	276	2642	0.060	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.513	278	2044	0.058	ng/ul#	71
29) Benzo(g,h,i)perylene	27.268	276	2249	0.064	ng/ul#	86

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

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