Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033915.D
Acq On : 14 Sep 2024 15:05
Operator : JU/RC
Sample : P3391-01
Misc : SFAM-SIM-MDL-Q3-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 14:26:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	9361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.133	164	4729	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188	9832	0.400	ng/ul	0.00
17) Chrysene-d12	21.103	240	8241	0.400	ng/ul	0.00
23) Perylene-d12	23.248	264	9430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2022	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	5162	0.384	ng/ul	0.00
18) Fluoranthene-d10	18.924	212	9598	0.391	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.135	88	420m	0.106	ng/ul	
5) Naphthalene	10.294	128	1818	0.073	ng/ul#	89
7) 2-Methylnaphthalene	11.922	142	1092	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.142	142	1125	0.069	ng/ul	100
10) Acenaphthylene	13.846	152	1519	0.071	ng/ul#	89
11) Acenaphthene	14.193	153	1163	0.075	ng/ul	96
12) Fluorene	15.192	166	1186	0.068	ng/ul#	95
14) Pentachlorophenol	16.547	266	175	0.057	ng/ul	93
15) Phenanthrene	16.927	178	1795	0.062	ng/ul#	91
16) Anthracene	17.020	178	1507	0.058	ng/ul#	85
19) Fluoranthene	18.957	202	2118	0.065	ng/ul#	93
20) Pyrene	19.324	202	2170	0.063	ng/ul#	92
21) Benzo(a)anthracene	21.089	228	1919	0.059	ng/ul#	93
22) Chrysene	21.138	228	2279	0.070	ng/ul	94
24) Benzo(b)fluoranthene	22.614	252	2189	0.060	ng/ul#	44
25) Benzo(k)fluoranthene	22.658	252	2351	0.064	ng/ul#	43
26) Benzo(a)pyrene	23.152	252	2005	0.068	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.368	276	2793	0.063	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.388	278	2141	0.062	ng/ul#	54
29) Benzo(g,h,i)perylene	26.008	276	2339	0.068	ng/ul#	85

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

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