Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
Data File : BN031545.D
Acq On : 16 May 2024 11:48
Operator : MA/JU
Sample : P2409-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 12:21:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 12:57:23 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	11093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	34784	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.332	164	17785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.079	188	39749	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	26328	0.400	ng/ul	0.00
23) Perylene-d12	23.491	264	23532	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	5477	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	18336	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.106	212	33819	0.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	1421m	0.102	ng/ul	
5) Naphthalene	10.530	128	6538	0.070	ng/ul	96
7) 2-Methylnaphthalene	12.147	142	4014	0.068	ng/ul	99
8) 1-Methylnaphthalene	12.367	142	4030	0.065	ng/ul	100
10) Acenaphthylene	14.054	152	5471	0.068	ng/ul	98
11) Acenaphthene	14.396	153	4281	0.070	ng/ul	98
12) Fluorene	15.386	166	4629	0.068	ng/ul	99
14) Pentachlorophenol	16.724	266	397	0.064	ng/ul	99
15) Phenanthrene	17.117	178	7886	0.068	ng/ul	97
16) Anthracene	17.210	178	6124	0.062	ng/ul	96
19) Fluoranthene	19.133	202	7874	0.080	ng/ul	96
20) Pyrene	19.496	202	7454	0.077	ng/ul	96
21) Benzo(a)anthracene	21.243	228	5477	0.060	ng/ul	98
22) Chrysene	21.296	228	6587	0.067	ng/ul	98
24) Benzo(b)fluoranthene	22.821	252	5265	0.061	ng/ul#	70
25) Benzo(k)fluoranthene	22.865	252	6396	0.068	ng/ul#	70
26) Benzo(a)pyrene	23.394	252	4629m	0.061	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.750	276	5167	0.059	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.770	278	3993	0.057	ng/ul#	73
29) Benzo(g,h,i)perylene	26.434	276	3878	0.055	ng/ul	91

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

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