Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
Data File : BM047641.D
Acq On : 26 Sep 2024 12:05
Operator : RC/JU
Sample : P3391-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 12:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 16:27:08 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	5362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	15176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	7321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	15365	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	12229	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	13798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	3598	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	7879	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	14883	0.397	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.307	88	806m	0.098	ng/ul	
5) Naphthalene	10.667	128	3023	0.073	ng/ul#	92
7) 2-Methylnaphthalene	12.284	142	1718	0.069	ng/ul	97
8) 1-Methylnaphthalene	12.504	142	1776	0.068	ng/ul	99
10) Acenaphthylene	14.178	152	2499	0.070	ng/ul#	93
11) Acenaphthene	14.521	153	1801	0.074	ng/ul	98
12) Fluorene	15.506	166	1878	0.068	ng/ul#	96
14) Pentachlorophenol	16.846	266	494	0.107	ng/ul	96
15) Phenanthrene	17.234	178	2967	0.065	ng/ul#	93
16) Anthracene	17.327	178	2487	0.061	ng/ul#	89
19) Fluoranthene	19.244	202	3570	0.069	ng/ul	96
20) Pyrene	19.606	202	3604	0.066	ng/ul#	94
21) Benzo(a)anthracene	21.341	228	3227	0.062	ng/ul	96
22) Chrysene	21.391	228	3486	0.065	ng/ul	95
24) Benzo(b)fluoranthene	22.949	252	4149	0.069	ng/ul#	36
25) Benzo(k)fluoranthene	22.996	252	4147	0.069	ng/ul#	56
26) Benzo(a)pyrene	23.534	252	3530	0.075	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	25.960	276	4906	0.065	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.973	278	3717	0.065	ng/ul#	74
29) Benzo(g,h,i)perylene	26.668	276	4098	0.068	ng/ul#	86

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

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