Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060624\
Data File : BM045868.D
Acq On : 06 Jun 2024 15:59
Operator : MA/JU
Sample : SSTD0.848
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 16:45:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 16:43:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	4415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.248	136	14297	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8301	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.861	188	17830	0.400	ng/ul	0.00
17) Chrysene-d12	21.053	240	14825	0.400	ng/ul	0.00
23) Perylene-d12	23.165	264	18180	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	4271	0.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	16743	0.834	ng/ul	0.00
18) Fluoranthene-d10	18.894	212	35184	0.697	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.109	88	4643	0.848	ng/ul#	75
5) Naphthalene	10.297	128	30245	0.808	ng/ul	99
7) 2-Methylnaphthalene	11.920	142	19378	0.824	ng/ul	99
8) 1-Methylnaphthalene	12.139	142	20808	0.834	ng/ul	99
10) Acenaphthylene	13.839	152	30891	0.806	ng/ul	98
11) Acenaphthene	14.182	153	22662	0.814	ng/ul	99
12) Fluorene	15.176	166	25677	0.825	ng/ul	100
14) Pentachlorophenol	16.545	266	2738	2.092	ng/ul	99
15) Phenanthrene	16.903	178	39920	0.794	ng/ul	100
16) Anthracene	16.996	178	35640	0.776	ng/ul	98
19) Fluoranthene	18.922	202	46677	0.693	ng/ul	99
20) Pyrene	19.284	202	48545	0.697	ng/ul	99
21) Benzo(a)anthracene	21.035	228	44679	0.786	ng/ul	100
22) Chrysene	21.088	228	47733	0.805	ng/ul	99
24) Benzo(b)fluoranthene	22.537	252	48380	0.736	ng/ul	91
25) Benzo(k)fluoranthene	22.578	252	54229m	0.817	ng/ul	
26) Benzo(a)pyrene	23.069	252	48309	0.850	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.233	276	63775	0.968	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.246	278	50856	1.038	ng/ul	93
29) Benzo(g,h,i)perylene	25.860	276	55006	0.865	ng/ul	97

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

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