Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042985.D
Acq On : 24 Nov 2023 19:07
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Quant Time: Nov 24 23:23:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	550	0.400	ng/ul	0.02
4) Naphthalene-d8	10.655	136	1910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	1073	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.245	188	2115	0.400	ng/ul	0.00
17) Chrysene-d12	21.427	240	1416	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	404	0.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	984	0.385	ng/ul	0.01
18) Fluoranthene-d10	19.266	212	1845	0.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	442	0.488	ng/ul	98
5) Naphthalene	10.710	128	1969	0.379	ng/ul	97
7) 2-Methylnaphthalene	12.337	142	1147	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.524	142	1275	0.373	ng/ul	97
10) Acenaphthylene	14.205	152	2138	0.390	ng/ul	97
11) Acenaphthene	14.533	153	1667	0.402	ng/ul	98
12) Fluorene	15.542	166	1658	0.389	ng/ul	98
14) Pentachlorophenol	16.916	266	225	0.393	ng/ul#	75
15) Phenanthrene	17.283	178	2339	0.388	ng/ul	95
16) Anthracene	17.406	178	2223	0.389	ng/ul	96
19) Fluoranthene	19.298	202	2978	0.371	ng/ul#	95
20) Pyrene	19.665	202	3182	0.373	ng/ul	99
21) Benzo(a)anthracene	21.415	228	1750	0.381	ng/ul	96
22) Chrysene	21.462	228	3417	0.399	ng/ul	100
24) Benzo(b)fluoranthene	23.051	252	2610	0.402	ng/ul	100
25) Benzo(k)fluoranthene	23.104	252	3706	0.414	ng/ul	99
26) Benzo(a)pyrene	23.686	252	2848	0.402	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.245	276	3982	0.415	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.276	278	3021	0.407	ng/ul	97
29) Benzo(g,h,i)perylene	27.003	276	3992	0.428	ng/ul	100

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

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