Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043043.D
Acq On : 27 Nov 2023 09:42
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Quant Time: Nov 27 23:40:30 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	742	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.628	136	2229	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.460	164	1256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2530	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1498	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	452	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1313	0.440	ng/ul	-0.02
18) Fluoranthene-d10	19.258	212	2329	0.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	433	0.354	ng/ul	94
5) Naphthalene	10.678	128	2566	0.424	ng/ul	96
7) 2-Methylnaphthalene	12.311	142	1556	0.435	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	1638	0.411	ng/ul	98
10) Acenaphthylene	14.192	152	2636	0.411	ng/ul	97
11) Acenaphthene	14.525	153	2078	0.428	ng/ul	98
12) Fluorene	15.534	166	2138	0.429	ng/ul	97
14) Pentachlorophenol	16.896	266	232	0.339	ng/ul	94
15) Phenanthrene	17.272	178	2934	0.406	ng/ul	99
16) Anthracene	17.382	178	2866	0.419	ng/ul	98
19) Fluoranthene	19.285	202	3573	0.421	ng/ul	99
20) Pyrene	19.657	202	3724	0.412	ng/ul	99
21) Benzo(a)anthracene	21.411	228	2180	0.449	ng/ul	98
22) Chrysene	21.455	228	3765	0.416	ng/ul	99
24) Benzo(b)fluoranthene	23.045	252	2909	0.436	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	4093	0.446	ng/ul	99
26) Benzo(a)pyrene	23.677	252	3152	0.433	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.241	276	4422	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.255	278	3420	0.449	ng/ul	92
29) Benzo(g,h,i)perylene	27.003	276	4270	0.446	ng/ul	98

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

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