Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042663.D
Acq On : 08 Nov 2023 23:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4128

Quant Time: Nov 09 00:30:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.677	136	1868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	954	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.262	188	1771	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	1396	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	1782	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	537	0.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	964	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.289	212	1833	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	558	0.426	ng/ul#	72
5) Naphthalene	10.726	128	2475	0.410	ng/ul	98
7) 2-Methylnaphthalene	12.338	142	1450	0.375	ng/ul	95
8) 1-Methylnaphthalene	12.552	142	1479	0.377	ng/ul	99
10) Acenaphthylene	14.237	152	2617	0.401	ng/ul	97
11) Acenaphthene	14.570	153	1854	0.419	ng/ul	99
12) Fluorene	15.565	166	2018	0.397	ng/ul	97
14) Pentachlorophenol	16.908	266	346	0.383	ng/ul	98
15) Phenanthrene	17.305	178	2847	0.415	ng/ul	97
16) Anthracene	17.406	178	2435	0.392	ng/ul	96
19) Fluoranthene	19.317	202	3257	0.373	ng/ul	98
20) Pyrene	19.684	202	3576	0.373	ng/ul	99
21) Benzo(a)anthracene	21.430	228	2198	0.354	ng/ul	98
22) Chrysene	21.482	228	2585	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.090	252	2775	0.386	ng/ul	96
25) Benzo(k)fluoranthene	23.136	252	2953	0.392	ng/ul#	96
26) Benzo(a)pyrene	23.715	252	3090	0.415	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.302	276	4136	0.427	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.329	278	2999	0.434	ng/ul	94
29) Benzo(g,h,i)perylene	27.077	276	3900	0.433	ng/ul	97

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

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