Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041071.D
Acq On : 24 Jul 2023 11:09
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

Quant Time: Jul 25 00:07:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 16:22:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2661	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	8820	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.495	164	4511	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9004	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	9469	0.400	ng/ul	0.00
23) Perylene-d12	23.842	264	9072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1690	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5400	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10817	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	1738	0.414	ng/ul#	10
5) Naphthalene	10.691	128	11929	0.416	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	6039	0.430	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	6174	0.427	ng/ul	100
10) Acenaphthylene	14.217	152	8189	0.430	ng/ul	100
11) Acenaphthene	14.560	153	6812	0.424	ng/ul	100
12) Fluorene	15.554	166	7411	0.422	ng/ul	99
14) Pentachlorophenol	16.923	266	1156	0.441	ng/ul	97
15) Phenanthrene	17.299	178	11639	0.419	ng/ul	100
16) Anthracene	17.392	178	9768	0.435	ng/ul	99
19) Fluoranthene	19.320	202	14747	0.435	ng/ul	100
20) Pyrene	19.682	202	16137	0.431	ng/ul	98
21) Benzo(a)anthracene	21.439	228	13450	0.425	ng/ul	99
22) Chrysene	21.492	228	14720	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.117	252	14515	0.402	ng/ul	98
25) Benzo(k)fluoranthene	23.164	252	14128	0.409	ng/ul	98
26) Benzo(a)pyrene	23.737	252	12147	0.415	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.310	276	17787	0.410	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.327	278	14082	0.414	ng/ul	99
29) Benzo(g,h,i)perylene	27.068	276	15711	0.406	ng/ul	100

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

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