Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041096.D
Acq On : 25 Jul 2023 04:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4196

Quant Time: Jul 25 05:15:05 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 : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	3268	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	11114	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	5610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	10548	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	9789	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	9997	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	2078	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	6412	0.404	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	11554	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	2047	0.397	ng/ul#	60
5) Naphthalene	10.691	128	12369	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	7102	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.528	142	7277	0.400	ng/ul	100
10) Acenaphthylene	14.213	152	9266	0.391	ng/ul	100
11) Acenaphthene	14.555	153	7926	0.396	ng/ul	98
12) Fluorene	15.550	166	8458	0.388	ng/ul	100
14) Pentachlorophenol	16.915	266	1184	0.386	ng/ul	100
15) Phenanthrene	17.295	178	12586	0.387	ng/ul	100
16) Anthracene	17.392	178	10328	0.392	ng/ul	100
19) Fluoranthene	19.315	202	14384	0.410	ng/ul	100
20) Pyrene	19.682	202	15471	0.400	ng/ul	99
21) Benzo(a)anthracene	21.434	228	12769	0.390	ng/ul	99
22) Chrysene	21.486	228	14368	0.380	ng/ul	100
24) Benzo(b)fluoranthene	23.105	252	15375	0.386	ng/ul	97
25) Benzo(k)fluoranthene	23.155	252	14590	0.384	ng/ul	99
26) Benzo(a)pyrene	23.728	252	12882	0.399	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.297	276	19121	0.400	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.317	278	15108	0.403	ng/ul	98
29) Benzo(g,h,i)perylene	27.052	276	16947	0.397	ng/ul	100

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

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