Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040927.D
Acq On : 17 Jul 2023 18:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

Quant Time: Jul 18 02:47:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	11571	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	4694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	8086	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6078	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	6420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2515	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	7141	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	7396	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	2495	0.437	ng/ul	97
5) Naphthalene	10.708	128	12668	0.397	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	8145	0.435	ng/ul	98
8) 1-Methylnaphthalene	12.544	142	8114	0.433	ng/ul	98
10) Acenaphthylene	14.226	152	7606	0.363	ng/ul	99
11) Acenaphthene	14.564	153	6743	0.381	ng/ul	97
12) Fluorene	15.559	166	6691	0.354	ng/ul	100
14) Pentachlorophenol	16.919	266	685	0.440	ng/ul	92
15) Phenanthrene	17.299	178	9330	0.371	ng/ul	100
16) Anthracene	17.396	178	7398	0.351	ng/ul	97
19) Fluoranthene	19.320	202	9342	0.362	ng/ul	99
20) Pyrene	19.682	202	9834	0.355	ng/ul	98
21) Benzo(a)anthracene	21.436	228	7336	0.357	ng/ul	99
22) Chrysene	21.489	228	8742	0.373	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	9570	0.385	ng/ul	98
25) Benzo(k)fluoranthene	23.152	252	9325	0.381	ng/ul	98
26) Benzo(a)pyrene	23.728	252	8416	0.376	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	12397	0.398	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.307	278	9975	0.409	ng/ul	97
29) Benzo(g,h,i)perylene	27.045	276	11088	0.406	ng/ul	97

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

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