Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040629.D
Acq On : 05 Jul 2023 02:27
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

Quant Time: Jul 05 04:27:21 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 : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	5034	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.716	136	19310	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.557	164	8999	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.310	188	16580	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	9619	0.400	ng/ul	-0.01
23) Perylene-d12	23.896	264	9470	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	2447	0.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	10636	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.336	212	13986	0.454	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	2603	0.323	ng/ul#	78
5) Naphthalene	10.766	128	20380	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.382	142	12084	0.386	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	11726	0.375	ng/ul	99
10) Acenaphthylene	14.280	152	16236	0.404	ng/ul	99
11) Acenaphthene	14.617	153	12847	0.378	ng/ul	99
12) Fluorene	15.607	166	13551	0.374	ng/ul	100
14) Pentachlorophenol	16.964	266	578	0.181	ng/ul	92
15) Phenanthrene	17.348	178	18800	0.365	ng/ul	100
16) Anthracene	17.441	178	16354	0.378	ng/ul	98
19) Fluoranthene	19.364	202	17758	0.435	ng/ul	99
20) Pyrene	19.727	202	18121	0.414	ng/ul	99
21) Benzo(a)anthracene	21.475	228	13270	0.408	ng/ul	99
22) Chrysene	21.528	228	13366	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.162	252	13646	0.372	ng/ul	94
25) Benzo(k)fluoranthene	23.206	252	12718	0.352	ng/ul	94
26) Benzo(a)pyrene	23.787	252	11844	0.359	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.389	276	15825	0.344	ng/ul	95
28) Dibenzo(a,h)anthracene	26.402	278	12574	0.349	ng/ul	97
29) Benzo(g,h,i)perylene	27.153	276	13558	0.336	ng/ul	99

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

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