Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072723\
Data File : BM041147.D
Acq On : 27 Jul 2023 10:08
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4053

Quant Time: Jul 28 03:28:30 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 : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	3612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	12754	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.486	164	5656	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	14235	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	13289	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	12774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	2526	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	6764	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	16031	0.443	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.284	88	2340	0.411	ng/ul#	56
5) Naphthalene	10.685	128	14138	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	7737	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.528	142	7804	0.374	ng/ul	98
10) Acenaphthylene	14.213	152	8974	0.376	ng/ul	100
11) Acenaphthene	14.550	153	8221	0.408	ng/ul	99
12) Fluorene	15.550	166	8364	0.380	ng/ul	98
14) Pentachlorophenol	16.919	266	1178	0.284	ng/ul	99
15) Phenanthrene	17.295	178	17243	0.393	ng/ul	99
16) Anthracene	17.396	178	13078	0.368	ng/ul	100
19) Fluoranthene	19.315	202	19683	0.413	ng/ul	99
20) Pyrene	19.682	202	21127	0.402	ng/ul	99
21) Benzo(a)anthracene	21.436	228	16410	0.369	ng/ul	99
22) Chrysene	21.486	228	19690	0.384	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	20037	0.394	ng/ul	97
25) Benzo(k)fluoranthene	23.152	252	19319	0.398	ng/ul	97
26) Benzo(a)pyrene	23.731	252	16607	0.403	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.304	276	21257	0.348	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.320	278	16331	0.341	ng/ul	99
29) Benzo(g,h,i)perylene	27.051	276	19569	0.359	ng/ul	99

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

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