Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041571.D
Acq On : 30 Aug 2023 09:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Quant Time: Aug 31 02:15:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	6071	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	13439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	5157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	9652	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	3189	0.400	ng/ul	0.00
23) Perylene-d12	24.251	264	3609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3665	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6362	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	6153	0.391	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	3858	0.404	ng/ul#	85
5) Naphthalene	10.993	128	17490	0.407	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	9735	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	9783	0.397	ng/ul	98
10) Acenaphthylene	14.476	152	15047	0.419	ng/ul	100
11) Acenaphthene	14.814	153	10371	0.418	ng/ul	98
12) Fluorene	15.795	166	11185	0.414	ng/ul	99
14) Pentachlorophenol	17.126	266	1457	0.393	ng/ul	98
15) Phenanthrene	17.544	178	17097	0.406	ng/ul	99
16) Anthracene	17.637	178	14838	0.405	ng/ul	99
19) Fluoranthene	19.552	202	17528	0.419	ng/ul	97
20) Pyrene	19.919	202	17210	0.409	ng/ul	97
21) Benzo(a)anthracene	21.670	228	11415	0.401	ng/ul	100
22) Chrysene	21.726	228	12585	0.412	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	13658	0.407	ng/ul	100
25) Benzo(k)fluoranthene	23.506	252	12844	0.403	ng/ul	100
26) Benzo(a)pyrene	24.134	252	12081	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.961	276	16182	0.406	ng/ul#	37
28) Dibenzo(a,h)anthracene	26.991	278	10680	0.398	ng/ul	98
29) Benzo(g,h,i)perylene	27.803	276	13735	0.410	ng/ul	98

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

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