Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048143.D
Acq On : 18 Oct 2024 19:44
Operator : RC/JU
Sample : SSTD1.697
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Oct 19 00:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:40:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	6557	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.562	136	21095	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.409	164	11440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.154	188	21857	0.400	ng/ul	-0.02
17) Chrysene-d12	21.324	240	17490	0.400	ng/ul	-0.01
23) Perylene-d12	23.592	264	16658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12887	1.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	47104	1.673	ng/ul	-0.04
18) Fluoranthene-d10	19.179	212	84513	1.578	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	14405	1.429	ng/ul#	86
5) Naphthalene	10.612	128	89932	1.564	ng/ul	96
7) 2-Methylnaphthalene	12.234	142	55253	1.602	ng/ul	98
8) 1-Methylnaphthalene	12.449	142	58179	1.608	ng/ul	98
10) Acenaphthylene	14.132	152	84990	1.528	ng/ul	97
11) Acenaphthene	14.470	153	58650	1.537	ng/ul	99
12) Fluorene	15.460	166	65190	1.510	ng/ul	98
14) Pentachlorophenol	16.820	266	11547	1.757	ng/ul	100
15) Phenanthrene	17.196	178	93680	1.444	ng/ul	98
16) Anthracene	17.293	178	87650	1.518	ng/ul	95
19) Fluoranthene	19.206	202	111044	1.509	ng/ul	98
20) Pyrene	19.574	202	116745	1.490	ng/ul	97
21) Benzo(a)anthracene	21.309	228	91096	1.232	ng/ul	98
22) Chrysene	21.362	228	110425	1.436	ng/ul	99
24) Benzo(b)fluoranthene	22.902	252	96959	1.338	ng/ul	84
25) Benzo(k)fluoranthene	22.949	252	107052	1.468	ng/ul#	85
26) Benzo(a)pyrene	23.492	252	84042	1.471	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.886	276	121009	1.330	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.903	278	91848	1.338	ng/ul#	87
29) Benzo(g,h,i)perylene	26.590	276	98272	1.345	ng/ul	96

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

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