Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041829.D
Acq On : 13 Sep 2023 13:37
Operator : MA/JU
Sample : SSTD1.634
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Sep 13 16:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 14:45:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	4170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	10358	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	5120	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	11076	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	7103	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	7863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	8334	1.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	22150	1.573	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	38285	1.572	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	8732	1.569	ng/ul#	70
5) Naphthalene	10.840	128	53359	1.528	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	33100	1.578	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	33609	1.570	ng/ul	100
10) Acenaphthylene	14.342	152	51243	1.595	ng/ul	99
11) Acenaphthene	14.680	153	38928	1.584	ng/ul	99
12) Fluorene	15.665	166	45354	1.579	ng/ul	100
14) Pentachlorophenol	16.995	266	9373	1.486	ng/ul	99
15) Phenanthrene	17.409	178	73297	1.516	ng/ul	99
16) Anthracene	17.502	178	67155	1.593	ng/ul	99
19) Fluoranthene	19.417	202	86118	1.565	ng/ul	100
20) Pyrene	19.785	202	88731	1.540	ng/ul	99
21) Benzo(a)anthracene	21.521	228	72873	1.555	ng/ul	99
22) Chrysene	21.577	228	72826	1.518	ng/ul	99
24) Benzo(b)fluoranthene	23.208	252	84240	1.506	ng/ul	93
25) Benzo(k)fluoranthene	23.257	252	79714	1.546	ng/ul#	93
26) Benzo(a)pyrene	23.845	252	70050	1.642	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.455	276	104602	1.594	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.475	278	77338	1.598	ng/ul	97
29) Benzo(g,h,i)perylene	27.236	276	88371	1.592	ng/ul	98

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

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