Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120924\
Data File : BM048910.D
Acq On : 09 Dec 2024 16:07
Operator : RC/JU
Sample : SSTD0.827
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8009

Quant Time: Dec 09 16:40:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 16:39:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3761	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	9901	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.219	164	5263	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	10854	0.400	ng/ul	0.00
17) Chrysene-d12	21.164	240	9055	0.400	ng/ul	0.00
23) Perylene-d12	23.335	264	9354	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3490	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	9706	0.790	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	20036	0.710	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	3906	0.694	ng/ul	90
5) Naphthalene	10.402	128	19305	0.756	ng/ul	99
7) 2-Methylnaphthalene	12.024	142	11836	0.790	ng/ul	100
8) 1-Methylnaphthalene	12.244	142	12010	0.764	ng/ul	100
10) Acenaphthylene	13.936	152	17014	0.730	ng/ul	98
11) Acenaphthene	14.283	153	12865	0.756	ng/ul	98
12) Fluorene	15.273	166	14537	0.813	ng/ul	98
14) Pentachlorophenol	16.621	266	1675	1.355	ng/ul	96
15) Phenanthrene	17.009	178	23040	0.805	ng/ul	99
16) Anthracene	17.102	178	20753	0.817	ng/ul	99
19) Fluoranthene	19.033	202	27947	0.670	ng/ul	97
20) Pyrene	19.391	202	29647	0.680	ng/ul	98
21) Benzo(a)anthracene	21.149	228	24323	0.884	ng/ul	99
22) Chrysene	21.199	228	27465	0.680	ng/ul	99
24) Benzo(b)fluoranthene	22.689	252	25124	0.891	ng/ul	95
25) Benzo(k)fluoranthene	22.733	252	28642	0.757	ng/ul#	91
26) Benzo(a)pyrene	23.241	252	22948	0.819	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.494	276	32697	0.854	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.507	278	25503	0.888	ng/ul	96
29) Benzo(g,h,i)perylene	26.141	276	26514	0.823	ng/ul	99

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

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