Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049216.D
Acq On : 25 Dec 2024 11:30
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Quant Time: Dec 25 21:52:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6285	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	20068	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	11740	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	23457	0.400	ng/ul	-0.02
17) Chrysene-d12	21.138	240	18976	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	20825	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2923	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	11278	0.418	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	23386	0.434	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.177	88	3170	0.374	ng/ul#	91
5) Naphthalene	10.358	128	20724	0.413	ng/ul	99
7) 2-Methylnaphthalene	11.980	142	13333	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	13632	0.418	ng/ul	99
10) Acenaphthylene	13.899	152	19796	0.407	ng/ul	100
11) Acenaphthene	14.246	153	14505	0.408	ng/ul	99
12) Fluorene	15.241	166	16272	0.406	ng/ul	100
14) Pentachlorophenol	16.595	266	2406	0.371	ng/ul	97
15) Phenanthrene	16.975	178	25616	0.418	ng/ul	99
16) Anthracene	17.068	178	23459	0.417	ng/ul	100
19) Fluoranthene	19.001	202	31500	0.459	ng/ul	99
20) Pyrene	19.363	202	33187	0.454	ng/ul	99
21) Benzo(a)anthracene	21.120	228	28353	0.430	ng/ul	99
22) Chrysene	21.173	228	30379	0.429	ng/ul	99
24) Benzo(b)fluoranthene	22.651	252	28427	0.427	ng/ul	96
25) Benzo(k)fluoranthene	22.692	252	30922	0.424	ng/ul	96
26) Benzo(a)pyrene	23.198	252	26825	0.420	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.424	276	35973	0.398	ng/ul	97
28) Dibenzo(a,h)anthracene	25.441	278	27664	0.394	ng/ul	98
29) Benzo(g,h,i)perylene	26.074	276	29038	0.400	ng/ul	97

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

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