Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120424\
Data File : BM048829.D
Acq On : 04 Dec 2024 13:54
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

Quant Time: Dec 04 15:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:22:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	4345	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	11950	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.234	164	6546	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	12583	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	6845	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	6917	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	2119	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	6002	0.417	ng/ul	-0.01
18) Fluoranthene-d10	19.016	212	9750	0.461	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	2477	0.377	ng/ul	92
5) Naphthalene	10.414	128	12405	0.411	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	7348	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.256	142	7773	0.421	ng/ul	99
10) Acenaphthylene	13.951	152	11302	0.394	ng/ul	99
11) Acenaphthene	14.298	153	8586	0.415	ng/ul	98
12) Fluorene	15.288	166	9068	0.423	ng/ul	99
14) Pentachlorophenol	16.639	266	419	0.385	ng/ul#	10
15) Phenanthrene	17.023	178	13186	0.413	ng/ul	99
16) Anthracene	17.116	178	10846	0.382	ng/ul	97
19) Fluoranthene	19.044	202	13838	0.440	ng/ul	100
20) Pyrene	19.406	202	14183	0.433	ng/ul	100
21) Benzo(a)anthracene	21.166	228	8005	0.414	ng/ul	98
22) Chrysene	21.216	228	12088	0.395	ng/ul	100
24) Benzo(b)fluoranthene	22.712	252	8942	0.460	ng/ul	95
25) Benzo(k)fluoranthene	22.756	252	11554	0.424	ng/ul	98
26) Benzo(a)pyrene	23.262	252	8040	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.524	276	10573	0.402	ng/ul#	46
28) Dibenzo(a,h)anthracene	25.554	278	8029	0.408	ng/ul	98
29) Benzo(g,h,i)perylene	26.178	276	9315	0.408	ng/ul	99

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

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