Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036407.D
Acq On : 08 Feb 2025 12:37
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

Quant Time: Feb 11 17:31:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	3510	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	7991	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.405	164	4297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.150	188	8535	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	7744	0.400	ng/ul	# 0.00
23) Perylene-d12	23.610	264	8138	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.247	96	1563	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	4224	0.419	ng/ul	-0.01
18) Fluoranthene-d10	19.179	212	8265	0.388	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	1559	0.380	ng/ul	95
5) Naphthalene	10.601	128	8892	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.223	142	5511	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.437	142	5582	0.402	ng/ul	100
10) Acenaphthylene	14.122	152	7386	0.365	ng/ul	98
11) Acenaphthene	14.465	153	5861	0.393	ng/ul	98
12) Fluorene	15.455	166	6181	0.375	ng/ul	99
14) Pentachlorophenol	16.808	266	902	0.302	ng/ul	98
15) Phenanthrene	17.188	178	9817	0.393	ng/ul	99
16) Anthracene	17.281	178	8468	0.365	ng/ul	99
19) Fluoranthene	19.207	202	11020	0.374	ng/ul#	96
20) Pyrene	19.569	202	11582	0.377	ng/ul#	93
21) Benzo(a)anthracene	21.318	228	10161	0.368	ng/ul	99
22) Chrysene	21.371	228	10913	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.923	252	10782	0.397	ng/ul	88
25) Benzo(k)fluoranthene	22.969	252	10902	0.382	ng/ul#	92
26) Benzo(a)pyrene	23.510	252	10036	0.409	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.920	276	11943	0.368	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.933	278	9028	0.361	ng/ul	95
29) Benzo(g,h,i)perylene	26.624	276	9690	0.385	ng/ul	96

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

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