Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036286.D
Acq On : 05 Feb 2025 07:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

Quant Time: Feb 05 08:33:10 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	3181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	7155	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.418	164	3830	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	7551	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.347	240	6777	0.400	ng/ul	#-0.02
23) Perylene-d12	23.636	264	7538	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1400	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	3645	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	7402	0.397	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	1536	0.413	ng/ul	93
5) Naphthalene	10.617	128	7880	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.234	142	4463	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.454	142	4551	0.366	ng/ul	99
10) Acenaphthylene	14.136	152	6523	0.361	ng/ul	99
11) Acenaphthene	14.478	153	5131	0.386	ng/ul	97
12) Fluorene	15.468	166	5465	0.372	ng/ul	98
14) Pentachlorophenol	16.825	266	878	0.332	ng/ul	99
15) Phenanthrene	17.205	178	8503	0.385	ng/ul	99
16) Anthracene	17.297	178	7451	0.363	ng/ul	99
19) Fluoranthene	19.221	202	9704	0.377	ng/ul	96
20) Pyrene	19.583	202	10055	0.374	ng/ul#	94
21) Benzo(a)anthracene	21.333	228	8846	0.366	ng/ul	99
22) Chrysene	21.385	228	9326	0.377	ng/ul	99
24) Benzo(b)fluoranthene	22.946	252	9444	0.375	ng/ul	89
25) Benzo(k)fluoranthene	22.990	252	9751	0.369	ng/ul#	91
26) Benzo(a)pyrene	23.534	252	8990	0.396	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.953	276	11400	0.379	ng/ul	95
28) Dibenzo(a,h)anthracene	25.970	278	8886	0.384	ng/ul	97
29) Benzo(g,h,i)perylene	26.664	276	9070	0.389	ng/ul	97

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

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