Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036301.D
Acq On : 05 Feb 2025 16:53
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

Quant Time: Feb 05 17:44:27 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	7.775	152	3092	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.568	136	6887	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.414	164	3569	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.163	188	7074	0.400	ng/ul	-0.01
17) Chrysene-d12	21.348	240	6372	0.400	ng/ul	-0.02
23) Perylene-d12	23.630	264	7057	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1479	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	3563	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.188	212	6811	0.389	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1372	0.380	ng/ul	91
5) Naphthalene	10.617	128	7610	0.401	ng/ul	98
7) 2-Methylnaphthalene	12.234	142	4643	0.394	ng/ul	100
8) 1-Methylnaphthalene	12.454	142	4699	0.393	ng/ul	99
10) Acenaphthylene	14.136	152	6143	0.365	ng/ul	99
11) Acenaphthene	14.479	153	4875	0.394	ng/ul	98
12) Fluorene	15.469	166	5093	0.372	ng/ul	100
14) Pentachlorophenol	16.821	266	816	0.329	ng/ul	99
15) Phenanthrene	17.201	178	7992	0.386	ng/ul	99
16) Anthracene	17.293	178	6961	0.362	ng/ul	99
19) Fluoranthene	19.221	202	9038	0.373	ng/ul	98
20) Pyrene	19.583	202	9427	0.373	ng/ul#	95
21) Benzo(a)anthracene	21.330	228	8256	0.363	ng/ul	99
22) Chrysene	21.383	228	8847	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.940	252	9132	0.388	ng/ul	88
25) Benzo(k)fluoranthene	22.984	252	9223	0.372	ng/ul#	90
26) Benzo(a)pyrene	23.528	252	8579	0.403	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.947	276	10834	0.385	ng/ul	94
28) Dibenzo(a,h)anthracene	25.967	278	8429	0.389	ng/ul	97
29) Benzo(g,h,i)perylene	26.658	276	8697	0.398	ng/ul	97

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

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