Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036355.D
Acq On : 07 Feb 2025 03:35
Operator : RC/JU
Sample : Q1229-06MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2993MSD

Quant Time: Feb 07 08:04:17 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 : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3267	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.557	136	7497	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.405	164	3963	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.155	188	7474	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.340	240	6111	0.400	ng/ul	#-0.02
23) Perylene-d12	23.619	264	6588	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	981	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	3198	0.338	ng/ul	-0.02
18) Fluoranthene-d10	19.185	212	6534	0.389	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2871	0.752	ng/ul	93
5) Naphthalene	10.606	128	6331	0.307	ng/ul	100
7) 2-Methylnaphthalene	12.228	142	3885	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	3954	0.304	ng/ul	99
10) Acenaphthylene	14.128	152	5255	0.281	ng/ul	99
11) Acenaphthene	14.470	153	4333	0.315	ng/ul	98
12) Fluorene	15.460	166	4701	0.310	ng/ul	99
14) Pentachlorophenol	16.809	266	1429	0.546	ng/ul	99
15) Phenanthrene	17.193	178	7440	0.340	ng/ul	99
16) Anthracene	17.286	178	6155	0.303	ng/ul	99
19) Fluoranthene	19.212	202	8257	0.356	ng/ul	97
20) Pyrene	19.575	202	8572	0.354	ng/ul#	94
21) Benzo(a)anthracene	21.322	228	7339	0.336	ng/ul	99
22) Chrysene	21.375	228	8089	0.363	ng/ul	99
24) Benzo(b)fluoranthene	22.932	252	8111	0.369	ng/ul	90
25) Benzo(k)fluoranthene	22.976	252	8200	0.355	ng/ul#	92
26) Benzo(a)pyrene	23.520	252	7029	0.354	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.934	276	9380	0.357	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.954	278	7268	0.359	ng/ul	94
29) Benzo(g,h,i)perylene	26.642	276	7711	0.378	ng/ul	96

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

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