Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036341.D
Acq On : 06 Feb 2025 18:34
Operator : RC/JU
Sample : Q1247-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6335MSD

Quant Time: Feb 07 07:33:45 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	7.770	152	2600	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.557	136	6195	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.409	164	3421	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.154	188	7098	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.339	240	6490	0.400	ng/ul	#-0.02
23) Perylene-d12	23.621	264	7056	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	718	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	2143	0.274	ng/ul	-0.02
18) Fluoranthene-d10	19.184	212	5935	0.333	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2206	0.726	ng/ul	97
5) Naphthalene	10.606	128	4514	0.264	ng/ul	98
7) 2-Methylnaphthalene	12.228	142	2773	0.262	ng/ul	100
8) 1-Methylnaphthalene	12.448	142	2874	0.267	ng/ul	100
10) Acenaphthylene	14.127	152	4258	0.264	ng/ul	99
11) Acenaphthene	14.469	153	3387	0.285	ng/ul	98
12) Fluorene	15.459	166	3982	0.304	ng/ul	100
14) Pentachlorophenol	16.808	266	1508	0.606	ng/ul	99
15) Phenanthrene	17.196	178	7139	0.343	ng/ul	99
16) Anthracene	17.285	178	4997	0.259	ng/ul	97
19) Fluoranthene	19.211	202	8173	0.331	ng/ul#	93
20) Pyrene	19.574	202	8543	0.332	ng/ul#	91
21) Benzo(a)anthracene	21.324	228	7367	0.318	ng/ul	99
22) Chrysene	21.377	228	8014	0.339	ng/ul	98
24) Benzo(b)fluoranthene	22.931	252	8061	0.342	ng/ul	81
25) Benzo(k)fluoranthene	22.978	252	8307	0.336	ng/ul#	83
26) Benzo(a)pyrene	23.519	252	6873	0.323	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.937	276	9422	0.335	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.954	278	7400	0.341	ng/ul#	93
29) Benzo(g,h,i)perylene	26.648	276	7474	0.342	ng/ul	95

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

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