Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038365.D
Acq On : 13 Dec 2025 00:37
Operator : RC/JU
Sample : Q3839-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Quant Time: Dec 13 02:12:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	6031	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	15607	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	7601	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	12674	0.400	ng		0.00
29) Chrysene-d12	21.340	240	8528	0.400	ng		0.00
35) Perylene-d12	23.622	264	9122	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	4752	0.316	ng		0.00
5) Phenol-d6	6.887	99	5398	0.302	ng		0.00
8) Nitrobenzene-d5	8.875	82	4175	0.317	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	6040	0.274	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	856	0.254	ng		-0.01
15) 2-Fluorobiphenyl	13.009	172	10963	0.299	ng		0.00
27) Fluoranthene-d10	19.183	212	6485	0.207	ng		0.00
31) Terphenyl-d14	19.782	244	4088	0.215	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2288	0.331	ng	#	65
3) n-Nitrosodimethylamine	3.507	42	2960	0.341	ng	#	97
6) bis(2-Chloroethyl)ether	7.139	93	6083	0.348	ng		99
9) Naphthalene	10.573	128	16568	0.359	ng		99
10) Hexachlorobutadiene	10.872	225	2761	0.337	ng	#	99
12) 2-Methylnaphthalene	12.197	142	9522	0.325	ng		100
16) Acenaphthylene	14.110	152	13816	0.370	ng		99
17) Acenaphthene	14.452	154	8255	0.317	ng		99
18) Fluorene	15.446	166	10618	0.317	ng		97
20) 4,6-Dinitro-2-methylph...	15.523	198	405	0.194	ng	#	75
21) 4-Bromophenyl-phenylether	16.342	248	3175	0.338	ng	#	92
22) Hexachlorobenzene	16.453	284	3815	0.337	ng		100
23) Atrazine	16.615	200	2199	0.343	ng		99
24) Pentachlorophenol	16.801	266	1652	0.375	ng		99
25) Phenanthrene	17.186	178	16885	0.383	ng		99
26) Anthracene	17.273	178	13812	0.363	ng		99
28) Fluoranthene	19.211	202	23790	0.507	ng		99
30) Pyrene	19.573	202	23593	0.562	ng		98
32) Benzo(a)anthracene	21.322	228	18765	0.570	ng		98
33) Chrysene	21.375	228	17753	0.489	ng		98
34) Bis(2-ethylhexyl)phtha...	21.259	149	8613	0.477	ng		100
36) Indeno(1,2,3-cd)pyrene	25.946	276	21623	0.447	ng		98
37) Benzo(b)fluoranthene	22.935	252	21368	0.510	ng		99
38) Benzo(k)fluoranthene	22.978	252	18045	0.432	ng		96
39) Benzo(a)pyrene	23.522	252	17659	0.515	ng		96
40) Dibenzo(a,h)anthracene	25.964	278	14176	0.380	ng		98
41) Benzo(g,h,i)perylene	26.653	276	18812	0.451	ng		99

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

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