Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038366.D
Acq On : 13 Dec 2025 01:13
Operator : RC/JU
Sample : Q3839-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM6MSD

Quant Time: Dec 13 02:12:27 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	7.717	152	6333	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	16643	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8164	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	13197	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	8740	0.400	ng		# 0.00
35) Perylene-d12	23.622	264	9029	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	5173	0.328	ng		0.00
5) Phenol-d6	6.887	99	5938	0.317	ng		0.00
8) Nitrobenzene-d5	8.875	82	4688	0.334	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	6577	0.280	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	903	0.249	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	13138	0.334	ng		0.00
27) Fluoranthene-d10	19.178	212	6870	0.210	ng		0.00
31) Terphenyl-d14	19.782	244	4350	0.223	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2452	0.338	ng	#	58
3) n-Nitrosodimethylamine	3.499	42	3313	0.364	ng	#	94
6) bis(2-Chloroethyl)ether	7.139	93	6461	0.352	ng		99
9) Naphthalene	10.573	128	17899	0.364	ng		100
10) Hexachlorobutadiene	10.872	225	2945	0.337	ng	#	99
12) 2-Methylnaphthalene	12.197	142	10388	0.333	ng		99
16) Acenaphthylene	14.110	152	15045	0.375	ng		100
17) Acenaphthene	14.452	154	9052	0.324	ng		99
18) Fluorene	15.446	166	11758	0.327	ng		97
20) 4,6-Dinitro-2-methylph...	15.523	198	405	0.187	ng	#	77
21) 4-Bromophenyl-phenylether	16.342	248	3394	0.347	ng	#	90
22) Hexachlorobenzene	16.453	284	4051	0.344	ng		99
23) Atrazine	16.615	200	2347	0.351	ng		97
24) Pentachlorophenol	16.801	266	1724	0.375	ng		99
25) Phenanthrene	17.186	178	18443	0.402	ng		99
26) Anthracene	17.273	178	14869	0.375	ng		99
28) Fluoranthene	19.211	202	25219	0.517	ng		99
30) Pyrene	19.573	202	24930	0.579	ng		98
32) Benzo(a)anthracene	21.322	228	18639	0.552	ng		97
33) Chrysene	21.375	228	19187	0.516	ng		98
34) Bis(2-ethylhexyl)phtha...	21.259	149	9064	0.489	ng		99
36) Indeno(1,2,3-cd)pyrene	25.940	276	22145	0.462	ng		98
37) Benzo(b)fluoranthene	22.932	252	21452	0.517	ng		99
38) Benzo(k)fluoranthene	22.976	252	17881	0.432	ng		97
39) Benzo(a)pyrene	23.522	252	18025	0.531	ng		96
40) Dibenzo(a,h)anthracene	25.963	278	14570	0.394	ng		97
41) Benzo(g,h,i)perylene	26.651	276	19280	0.467	ng		99

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

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