Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038402.D
Acq On : 15 Dec 2025 13:31
Operator : RC/JU
Sample : Q3839-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Quant Time: Dec 15 14:00:43 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	6046	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	15939	0.400	ng		-0.01
13) Acenaphthene-d10	14.388	164	8176	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	12315	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	9471	0.400	ng		0.00
35) Perylene-d12	23.619	264	11116	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	4867	0.323	ng		0.00
5) Phenol-d6	6.879	99	5415	0.303	ng		0.00
8) Nitrobenzene-d5	8.865	82	4322	0.321	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	6332	0.282	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	931	0.257	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	13456	0.342	ng		0.00
27) Fluoranthene-d10	19.178	212	6382	0.210	ng		0.00
31) Terphenyl-d14	19.777	244	4192	0.198	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2193	0.316	ng	#	58
3) n-Nitrosodimethylamine	3.499	42	3023	0.348	ng	#	94
6) bis(2-Chloroethyl)ether	7.139	93	5956	0.340	ng		99
9) Naphthalene	10.562	128	16724	0.355	ng		100
10) Hexachlorobutadiene	10.861	225	2850	0.340	ng	#	100
12) 2-Methylnaphthalene	12.192	142	9763	0.326	ng		100
16) Acenaphthylene	14.099	152	14025	0.349	ng		99
17) Acenaphthene	14.452	154	8235	0.294	ng		98
18) Fluorene	15.435	166	10511	0.292	ng		96
20) 4,6-Dinitro-2-methylph...	15.523	198	450	0.222	ng		92
21) 4-Bromophenyl-phenylether	16.329	248	3093	0.339	ng	#	87
22) Hexachlorobenzene	16.453	284	3691	0.336	ng		97
23) Atrazine	16.602	200	2172	0.349	ng	#	94
24) Pentachlorophenol	16.789	266	1863	0.435	ng		97
25) Phenanthrene	17.173	178	16361	0.382	ng		99
26) Anthracene	17.273	178	13449	0.364	ng		99
28) Fluoranthene	19.206	202	23458	0.515	ng		100
30) Pyrene	19.568	202	23984	0.514	ng		99
32) Benzo(a)anthracene	21.322	228	20333	0.556	ng		98
33) Chrysene	21.366	228	20087	0.499	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	9610	0.479	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.937	276	25157	0.427	ng		97
37) Benzo(b)fluoranthene	22.929	252	24989	0.489	ng		98
38) Benzo(k)fluoranthene	22.973	252	20158	0.396	ng		100
39) Benzo(a)pyrene	23.519	252	21508	0.515	ng	#	93
40) Dibenzo(a,h)anthracene	25.952	278	16839	0.370	ng		98
41) Benzo(g,h,i)perylene	26.645	276	21661	0.426	ng		99

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

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