Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038403.D
Acq On : 15 Dec 2025 14:07
Operator : RC/JU
Sample : Q3839-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AM6MSD

Quant Time: Dec 15 14:38:10 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	5371	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14351	0.400	ng		-0.01
13) Acenaphthene-d10	14.387	164	7544	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	12285	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	10260	0.400	ng		0.00
35) Perylene-d12	23.619	264	11734	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	4393	0.328	ng		0.00
5) Phenol-d6	6.879	99	5026	0.316	ng		0.00
8) Nitrobenzene-d5	8.864	82	4080	0.337	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5939	0.293	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	932	0.278	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	12338	0.339	ng		0.00
27) Fluoranthene-d10	19.173	212	6843	0.225	ng		-0.01
31) Terphenyl-d14	19.777	244	4533	0.198	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2011	0.327	ng	#	65
3) n-Nitrosodimethylamine	3.499	42	2605	0.337	ng	#	96
6) bis(2-Chloroethyl)ether	7.139	93	5430	0.349	ng		100
9) Naphthalene	10.562	128	15436	0.364	ng		99
10) Hexachlorobutadiene	10.861	225	2603	0.345	ng	#	100
12) 2-Methylnaphthalene	12.192	142	9046	0.336	ng		99
16) Acenaphthylene	14.099	152	13438	0.363	ng		99
17) Acenaphthene	14.452	154	8126	0.315	ng		99
18) Fluorene	15.435	166	10278	0.310	ng		96
20) 4,6-Dinitro-2-methylph...	15.522	198	481	0.238	ng		94
21) 4-Bromophenyl-phenylether	16.329	248	3107	0.341	ng	#	86
22) Hexachlorobenzene	16.453	284	3674	0.335	ng		99
23) Atrazine	16.602	200	2214	0.356	ng	#	92
24) Pentachlorophenol	16.788	266	1929	0.451	ng		98
25) Phenanthrene	17.173	178	16939	0.396	ng		99
26) Anthracene	17.273	178	13834	0.375	ng		99
28) Fluoranthene	19.206	202	24870	0.547	ng		100
30) Pyrene	19.568	202	25980	0.514	ng		99
32) Benzo(a)anthracene	21.322	228	22450	0.566	ng		97
33) Chrysene	21.366	228	22145	0.507	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	10386	0.478	ng		99
36) Indeno(1,2,3-cd)pyrene	25.937	276	26642	0.428	ng		97
37) Benzo(b)fluoranthene	22.929	252	27171	0.504	ng		98
38) Benzo(k)fluoranthene	22.972	252	22471	0.418	ng		99
39) Benzo(a)pyrene	23.516	252	23109	0.524	ng	#	92
40) Dibenzo(a,h)anthracene	25.955	278	17536	0.365	ng		98
41) Benzo(g,h,i)perylene	26.642	276	22449	0.418	ng		98

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

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