Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038386.D
Acq On : 13 Dec 2025 14:40
Operator : RC/JU
Sample : Q3839-19MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AM7MSD

Quant Time: Dec 14 22:23:53 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	6265	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	16841	0.400	ng		-0.01
13) Acenaphthene-d10	14.387	164	8715	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	15029	0.400	ng		#-0.01
29) Chrysene-d12	21.339	240	13317	0.400	ng		# 0.00
35) Perylene-d12	23.622	264	14052	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	840389	53.861	ng		0.00
5) Phenol-d6	6.879	99	665775	35.894	ng		0.00
8) Nitrobenzene-d5	8.864	82	1050221	73.932	ng		-0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng		
14) 2,4,6-Tribromophenol	15.882	330	729468	188.668	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	3040646	72.422	ng		0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng		
31) Terphenyl-d14	19.782	244	2161392	72.727	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	108702	15.132	ng		98
3) n-Nitrosodimethylamine	3.485	42	157967	17.540	ng	#	98
6) bis(2-Chloroethyl)ether	7.139	93	716867	39.508	ng		98
9) Naphthalene	10.562	128	1909288	38.353	ng		99
10) Hexachlorobutadiene	10.861	225	324783	36.702	ng	#	100
12) 2-Methylnaphthalene	12.192	142	1179205	37.317	ng		98
16) Acenaphthylene	14.099	152	2214835	51.753	ng		99
17) Acenaphthene	14.452	154	1271183	42.634	ng		94
18) Fluorene	15.446	166	1653452	43.102	ng		93
20) 4,6-Dinitro-2-methylph...	15.522	198	274319	110.960	ng	#	35
21) 4-Bromophenyl-phenylether	16.342	248	530683	47.594	ng	#	82
22) Hexachlorobenzene	16.453	284	605284	45.156	ng		96
23) Atrazine	16.615	200	476654	62.675	ng		96
24) Pentachlorophenol	16.801	266	807564	154.390	ng		99
25) Phenanthrene	17.186	178	2426133	46.379	ng		100
26) Anthracene	17.273	178	2407443	53.381	ng		99
28) Fluoranthene	19.211	202	2609198	46.930	ng		98
30) Pyrene	19.573	202	2724326	41.555	ng		99
32) Benzo(a)anthracene	21.322	228	2594494	50.433	ng		98
33) Chrysene	21.375	228	2461082	43.449	ng		98
34) Bis(2-ethylhexyl)phtha...	21.259	149	1990071	70.511	ng		96
36) Indeno(1,2,3-cd)pyrene	25.955	276	3295985	44.204	ng		99
37) Benzo(b)fluoranthene	22.934	252	2775307	43.000	ng	#	88
38) Benzo(k)fluoranthene	22.981	252	2721880	42.301	ng	#	88
39) Benzo(a)pyrene	23.525	252	2649974	50.173	ng	#	80
40) Dibenzo(a,h)anthracene	25.972	278	2659182	46.253	ng		94
41) Benzo(g,h,i)perylene	26.665	276	2780695	43.272	ng		97

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

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