Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038338.D
Acq On : 12 Dec 2025 04:49
Operator : RC/JU
Sample : Q3787-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-15B-42.5-120425MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 07:08:13 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	5312	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13867	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6982	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	12326	0.400	ng	0.00
29) Chrysene-d12	21.340	240	9977	0.400	ng	0.00
35) Perylene-d12	23.630	264	10317	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2099	0.159	ng	0.00
5) Phenol-d6	6.887	99	1510	0.096	ng	0.00
8) Nitrobenzene-d5	8.875	82	3837	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5152m	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	857	0.277	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10068	0.299	ng	0.00
27) Fluoranthene-d10	19.183	212	10771	0.353	ng	0.00
31) Terphenyl-d14	19.787	244	8549	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1066	0.175	ng	# 49
3) n-Nitrosodimethylamine	3.507	42	1213	0.159	ng	# 95
6) bis(2-Chloroethyl)ether	7.139	93	4413	0.287	ng	97
9) Naphthalene	10.573	128	11066	0.270	ng	99
10) Hexachlorobutadiene	10.872	225	1340	0.184	ng	# 100
12) 2-Methylnaphthalene	12.197	142	6337	0.244	ng	99
16) Acenaphthylene	14.110	152	10694	0.312	ng	99
17) Acenaphthene	14.452	154	6457	0.270	ng	98
18) Fluorene	15.446	166	8890	0.289	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	156	0.077	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	2679	0.293	ng	99
22) Hexachlorobenzene	16.453	284	3053	0.278	ng	100
23) Atrazine	16.615	200	2079	0.333	ng	98
24) Pentachlorophenol	16.801	266	883	0.206	ng	95
25) Phenanthrene	17.186	178	14152	0.330	ng	99
26) Anthracene	17.273	178	11904	0.322	ng	99
28) Fluoranthene	19.215	202	14990	0.329	ng	100
30) Pyrene	19.578	202	15538	0.316	ng	100
32) Benzo(a)anthracene	21.322	228	12599	0.327	ng	100
33) Chrysene	21.375	228	13838	0.326	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	6671	0.315	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.955	276	12432	0.227	ng	99
37) Benzo(b)fluoranthene	22.940	252	12636	0.267	ng	93
38) Benzo(k)fluoranthene	22.984	252	13002	0.275	ng	# 93
39) Benzo(a)pyrene	23.531	252	9521	0.246	ng	91
40) Dibenzo(a,h)anthracene	25.972	278	10196	0.242	ng	95
41) Benzo(g,h,i)perylene	26.662	276	10972	0.233	ng	98

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

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