

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038458.D
 Acq On : 17 Dec 2025 01:23
 Operator : RC/JU
 Sample : Q3849-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-71.5-121125

Quant Time: Dec 17 03:00:16 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	7.710	152	5288	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13480	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6808	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12233	0.400	ng	-0.01
29) Chrysene-d12	21.331	240	9386	0.400	ng	# 0.00
35) Perylene-d12	23.610	264	9482	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2122	0.161	ng	0.00
5) Phenol-d6	6.879	99	1526	0.097	ng	0.00
8) Nitrobenzene-d5	8.865	82	4183	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6515	0.343	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	886	0.293	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	15943	0.486	ng	-0.01
27) Fluoranthene-d10	19.174	212	10785	0.356	ng	-0.01
31) Terphenyl-d14	19.773	244	8493	0.405	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	32203	5.311	ng	# 93
9) Naphthalene	10.562	128	3615	0.091	ng	# 94
17) Acenaphthene	14.441	154	1449	0.062	ng	98
18) Fluorene	15.435	166	1348	0.045	ng	93
25) Phenanthrene	17.173	178	16514	0.388	ng	100
28) Fluoranthene	19.201	202	14489	0.320	ng	97
30) Pyrene	19.564	202	10144	0.220	ng	# 93
32) Benzo(a)anthracene	21.313	228	1506	0.042	ng	# 93
33) Chrysene	21.366	228	1968	0.049	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.250	149	1500	0.075	ng	# 96

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

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