

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038465.D
 Acq On : 17 Dec 2025 05:36
 Operator : RC/JU
 Sample : Q3882-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAW8

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/17/2025
 Supervised By :Jagrut Upadhyay 12/17/2025

Quant Time: Dec 17 06:44:13 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	7.710	152	4938	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13202	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	7024	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	13226	0.400	ng	-0.01
29) Chrysene-d12	21.331	240	11249	0.400	ng	# 0.00
35) Perylene-d12	23.610	264	11620	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.276	112	2537	0.206	ng	-0.01
5) Phenol-d6	6.872	99	2073	0.142	ng	-0.01
8) Nitrobenzene-d5	8.865	82	3401	0.305	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5270	0.283	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	1124	0.361	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	13592	0.402	ng	-0.01
27) Fluoranthene-d10	19.169	212	8963	0.274	ng	-0.02
31) Terphenyl-d14	19.773	244	5968	0.238	ng	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.189	88	816	0.144	ng	# 43
12) 2-Methylnaphthalene	12.182	142	501	0.020	ng	# 83
17) Acenaphthene	14.441	154	542	0.023	ng	99
18) Fluorene	15.435	166	1664	0.054	ng	# 91
25) Phenanthrene	17.173	178	13022	0.283	ng	99
26) Anthracene	17.260	178	8163m	0.206	ng	
28) Fluoranthene	19.201	202	31523	0.644	ng	98
30) Pyrene	19.564	202	17524	0.316	ng	98
32) Benzo(a)anthracene	21.313	228	7101	0.163	ng	# 89
33) Chrysene	21.357	228	10284	0.215	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.250	149	1703	0.071	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.923	276	1411	0.023	ng	96
37) Benzo(b)fluoranthene	22.923	252	7009m	0.131	ng	
38) Benzo(k)fluoranthene	22.952	252	1858m	0.035	ng	
41) Benzo(g,h,i)perylene	26.630	276	1448	0.027	ng	# 66

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

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