

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
 Data File : BN038308.D
 Acq On : 10 Dec 2025 15:54
 Operator : RC/JU
 Sample : Q3483-11DL 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HW1025-PT-BNA-SOILD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2025
 Supervised By :mohammad ahmed 12/13/2025

Quant Time: Dec 10 16:29:48 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	6022	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	16658	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	8653	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	15536	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	12910	0.400	ng	0.00
35) Perylene-d12	23.642	264	13075	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	13822	0.922	ng	0.00
5) Phenol-d6	6.887	99	17157	0.962	ng	0.00
8) Nitrobenzene-d5	8.875	82	8104	0.577	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.895	330	4554	1.186	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	25293	0.607	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.791	244	23987	0.833	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.147	93	32335	1.854	ng	98
9) Naphthalene	10.573	128	60920	1.237	ng	99
10) Hexachlorobutadiene	10.872	225	13067	1.493	ng	# 100
12) 2-Methylnaphthalene	12.202	142	48416	1.549	ng	99
16) Acenaphthylene	14.110	152	30976	0.729	ng	99
17) Acenaphthene	14.462	154	31663	1.070	ng	98
18) Fluorene	15.446	166	57963	1.522	ng	99
22) Hexachlorobenzene	16.466	284	15423	1.113	ng	99
24) Pentachlorophenol	16.801	266	5563	1.029	ng	99
26) Anthracene	17.285	178	35324	0.758	ng	100
32) Benzo(a)anthracene	21.331	228	48333	0.969	ng	99
33) Chrysene	21.384	228	24843	0.452	ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	1251	0.046	ng	# 95
37) Benzo(b)fluoranthene	22.949	252	29224	0.487	ng	97
38) Benzo(k)fluoranthene	22.996	252	60104m	1.004	ng	
39) Benzo(a)pyrene	23.540	252	50254	1.023	ng	# 86

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

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