

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
 Data File : BN038125.D
 Acq On : 30 Oct 2025 16:08
 Operator : RC/JU
 Sample : Q3478-01DL 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-061125DL

Quant Time: Oct 30 16:36:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	8715	0.400	ng	0.01
7) Naphthalene-d8	10.594	136	27253	0.400	ng	0.02
13) Acenaphthene-d10	14.441	164	15186	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	28712	0.400	ng	# 0.01
29) Chrysene-d12	21.384	240	23533	0.400	ng	0.00
35) Perylene-d12	23.700	264	17265	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	212	0.010	ng	0.00
5) Phenol-d6	6.952	99	224	0.009	ng	0.01
8) Nitrobenzene-d5	8.939	82	272	0.012	ng	0.01
11) 2-Methylnaphthalene-d10	12.187	152	309	0.008	ng	0.01
14) 2,4,6-Tribromophenol	15.944	330	36	0.006	ng	0.01
15) 2-Fluorobiphenyl	13.073	172	699	0.011	ng	0.02
27) Fluoranthene-d10	19.229	212	578	0.008	ng	0.00
31) Terphenyl-d14	19.833	244	474	0.009	ng	0.01
Target Compounds						Qvalue
9) Naphthalene	10.637	128	264593	3.525	ng	99
12) 2-Methylnaphthalene	12.258	142	167032	3.337	ng	99
16) Acenaphthylene	14.163	152	69496	1.011	ng	100
17) Acenaphthene	14.505	154	33784	0.702	ng	98
18) Fluorene	15.499	166	210663	3.341	ng	99
25) Phenanthrene	17.235	178	333263	3.656	ng	100
26) Anthracene	17.322	178	118839	1.490	ng	99
28) Fluoranthene	19.262	202	228078	2.239	ng	99
30) Pyrene	19.624	202	295623	2.783	ng	100
32) Benzo(a)anthracene	21.366	228	198039	2.359	ng	99
33) Chrysene	21.420	228	108103	1.186	ng	100
36) Indeno(1,2,3-cd)pyrene	26.066	276	100932	1.423	ng	95
37) Benzo(b)fluoranthene	23.002	252	171745	2.327	ng	# 90
38) Benzo(k)fluoranthene	23.046	252	274829	3.699	ng	# 89
39) Benzo(a)pyrene	23.598	252	59532	1.008	ng	# 88
40) Dibenzo(a,h)anthracene	26.077	278	132156	2.421	ng	92
41) Benzo(g,h,i)perylene	26.779	276	71261	1.143	ng	98

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

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