

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
 Data File : BN038124.D
 Acq On : 30 Oct 2025 13:12
 Operator : RC/JU
 Sample : Q3478-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-061125

Quant Time: Oct 30 13:40:34 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	7.782	152	8933	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	29561	0.400	ng	# 0.01
13) Acenaphthene-d10	14.441	164	16222	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	31316	0.400	ng	# 0.01
29) Chrysene-d12	21.384	240	25983	0.400	ng	0.00
35) Perylene-d12	23.695	264	18372	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	7484	0.356	ng	0.00
5) Phenol-d6	6.952	99	8834	0.345	ng	0.01
8) Nitrobenzene-d5	8.939	82	9088	0.381	ng	0.01
11) 2-Methylnaphthalene-d10	12.182	152	15898	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1740	0.260	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	27536	0.424	ng	0.01
27) Fluoranthene-d10	19.229	212	29473	0.373	ng	0.00
31) Terphenyl-d14	19.824	244	22949	0.407	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.637	128	11436494	140.451	ng	98
12) 2-Methylnaphthalene	12.263	142	7444810	137.119	ng	97
16) Acenaphthylene	14.163	152	4144339	56.413	ng	99
17) Acenaphthene	14.505	154	1827315	35.552	ng	98
18) Fluorene	15.499	166	8992260	133.488	ng	95
25) Phenanthrene	17.235	178	13736617	138.168	ng	97
26) Anthracene	17.322	178	6492627	74.652	ng	98
28) Fluoranthene	19.262	202	10188126	91.709	ng	96
30) Pyrene	19.624	202	12711271	108.376	ng	96
32) Benzo(a)anthracene	21.375	228	10075000	108.683	ng	95
33) Chrysene	21.420	228	5063658	50.335	ng	98
36) Indeno(1,2,3-cd)pyrene	26.066	276	5203268	68.933	ng	93
37) Benzo(b)fluoranthene	23.005	252	8377644	106.654	ng	# 92
38) Benzo(k)fluoranthene	23.060	252	12225787	154.635	ng	# 92
39) Benzo(a)pyrene	23.598	252	3505338	55.750	ng	# 83
40) Dibenzo(a,h)anthracene	26.089	278	6843074	117.822	ng	93
41) Benzo(g,h,i)perylene	26.788	276	3692408	55.663	ng	97

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

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