

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
 Data File : BN038126.D
 Acq On : 30 Oct 2025 17:12
 Operator : RC/JU
 Sample : Q3015-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WP0925-RR-PAH-WP

Quant Time: Oct 30 17:36:36 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	9481	0.400	ng	0.01
7) Naphthalene-d8	10.594	136	27884	0.400	ng	0.02
13) Acenaphthene-d10	14.441	164	16035	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	30308	0.400	ng	# 0.01
29) Chrysene-d12	21.384	240	26836	0.400	ng	0.00
35) Perylene-d12	23.701	264	20527	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	7441	0.333	ng	0.01
5) Phenol-d6	6.952	99	9069	0.333	ng	0.01
8) Nitrobenzene-d5	8.939	82	7852	0.349	ng	0.01
11) 2-Methylnaphthalene-d10	12.187	152	14909	0.374	ng	0.01
14) 2,4,6-Tribromophenol	15.945	330	1305	0.198	ng	0.01
15) 2-Fluorobiphenyl	13.062	172	24042	0.374	ng	0.01
27) Fluoranthene-d10	19.229	212	28454	0.372	ng	0.00
31) Terphenyl-d14	19.829	244	20906	0.359	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.637	128	189573	2.468	ng	99
12) 2-Methylnaphthalene	12.258	142	241440	4.714	ng	99
16) Acenaphthylene	14.163	152	895777	12.336	ng	100
17) Acenaphthene	14.505	154	146903	2.891	ng	98
18) Fluorene	15.499	166	236881	3.557	ng	98
25) Phenanthrene	17.235	178	148698	1.545	ng	100
26) Anthracene	17.322	178	169797	2.017	ng	100
28) Fluoranthene	19.262	202	105890	0.985	ng	100
30) Pyrene	19.624	202	463023	3.822	ng	99
32) Benzo(a)anthracene	21.366	228	236306	2.468	ng	99
33) Chrysene	21.420	228	429386	4.133	ng	100
36) Indeno(1,2,3-cd)pyrene	26.066	276	144095	1.709	ng	# 88
37) Benzo(b)fluoranthene	22.999	252	183673	2.093	ng	# 91
38) Benzo(k)fluoranthene	23.046	252	190347	2.155	ng	# 89
39) Benzo(a)pyrene	23.598	252	112636	1.603	ng	# 86
40) Dibenzo(a,h)anthracene	26.078	278	252970	3.898	ng	92
41) Benzo(g,h,i)perylene	26.779	276	259947	3.507	ng	98

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

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