

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
 Data File : BN038127.D
 Acq On : 30 Oct 2025 17:48
 Operator : RC/JU
 Sample : Q3015-21DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 30 18:14:15 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	7.775	152	9488	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	27065	0.400	ng	0.01
13) Acenaphthene-d10	14.441	164	15653	0.400	ng	0.01
19) Phenanthrene-d10	17.186	188	29258	0.400	ng	0.00
29) Chrysene-d12	21.376	240	21213	0.400	ng	# 0.00
35) Perylene-d12	23.692	264	18032	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	815	0.036	ng	0.00
5) Phenol-d6	6.937	99	943	0.035	ng	0.00
8) Nitrobenzene-d5	8.939	82	926	0.042	ng	0.01
11) 2-Methylnaphthalene-d10	12.177	152	1506	0.039	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	143	0.022	ng	0.01
15) 2-Fluorobiphenyl	13.062	172	3535	0.056	ng	0.01
27) Fluoranthene-d10	19.225	212	2978	0.040	ng	0.00
31) Terphenyl-d14	19.829	244	2085	0.045	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.626	128	20667	0.277	ng	99
12) 2-Methylnaphthalene	12.253	142	25022	0.503	ng	99
16) Acenaphthylene	14.153	152	85740	1.210	ng	100
17) Acenaphthene	14.505	154	15304	0.309	ng	96
18) Fluorene	15.489	166	25016	0.385	ng	99
25) Phenanthrene	17.236	178	15557	0.167	ng	99
26) Anthracene	17.322	178	15763	0.194	ng	99
28) Fluoranthene	19.257	202	10895	0.105	ng	100
30) Pyrene	19.615	202	44227	0.462	ng	99
32) Benzo(a)anthracene	21.367	228	19436	0.257	ng	99
33) Chrysene	21.411	228	38245	0.466	ng	99
36) Indeno(1,2,3-cd)pyrene	26.054	276	12519	0.169	ng	# 89
37) Benzo(b)fluoranthene	22.990	252	16038	0.208	ng	# 94
38) Benzo(k)fluoranthene	23.037	252	17020	0.219	ng	96
39) Benzo(a)pyrene	23.593	252	10103	0.164	ng	# 80
40) Dibenzo(a,h)anthracene	26.066	278	21455	0.376	ng	98
41) Benzo(g,h,i)perylene	26.765	276	23113	0.355	ng	99

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

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