

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038226.D
 Acq On : 01 Dec 2025 14:56
 Operator : RC/JU
 Sample : Q3483-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HW1025-PT-PAH-SOIL

Quant Time: Dec 01 15:20:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8240	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	26555	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	15074	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	26427	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	15733	0.400	ng	0.00
35) Perylene-d12	23.674	264	15160	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6825	0.354	ng	0.00
5) Phenol-d6	6.930	99	8553	0.355	ng	0.00
8) Nitrobenzene-d5	8.918	82	6893	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	11720	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1932	0.407	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	21176	0.364	ng	-0.01
27) Fluoranthene-d10	19.211	212	21765	0.380	ng	0.00
31) Terphenyl-d14	19.815	244	16178	0.445	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.616	128	707707	9.597	ng	99
12) 2-Methylnaphthalene	12.238	142	292224	6.022	ng	100
16) Acenaphthylene	14.142	152	990394	14.693	ng	100
17) Acenaphthene	14.484	154	389025	8.279	ng	98
18) Fluorene	15.478	166	115670	1.902	ng	98
25) Phenanthrene	17.223	178	1450718	17.487	ng	99
26) Anthracene	17.310	178	1254292	17.720	ng	100
28) Fluoranthene	19.243	202	195932	2.450	ng	100
30) Pyrene	19.606	202	306052	3.895	ng	99
32) Benzo(a)anthracene	21.349	228	162332	3.047	ng	100
33) Chrysene	21.402	228	147180	2.341	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	148034	5.074	ng	99
36) Indeno(1,2,3-cd)pyrene	26.025	276	138980	1.981	ng	# 89
37) Benzo(b)fluoranthene	22.976	252	388530	6.244	ng	# 86
38) Benzo(k)fluoranthene	23.019	252	422476	6.531	ng	# 90
39) Benzo(a)pyrene	23.569	252	290001	5.560	ng	# 77
40) Dibenzo(a,h)anthracene	26.037	278	249956	4.706	ng	# 91
41) Benzo(g,h,i)perylene	26.735	276	318151	5.013	ng	97

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

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