

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038227.D
 Acq On : 01 Dec 2025 15:49
 Operator : RC/JU
 Sample : Q3483-13DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 01 16:13:16 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	7.775	152	9014	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29234	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	16868	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	29662	0.400	ng	0.00
29) Chrysene-d12	21.375	240	17379	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	15679	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	793	0.038	ng	0.00
5) Phenol-d6	6.944	99	987	0.037	ng	0.00
8) Nitrobenzene-d5	8.929	82	804	0.034	ng	0.01
11) 2-Methylnaphthalene-d10	12.172	152	1260	0.030	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	220	0.041	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	3384	0.052	ng	0.00
27) Fluoranthene-d10	19.220	212	2366	0.037	ng	0.00
31) Terphenyl-d14	19.819	244	3027	0.075	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.626	128	75377	0.929	ng	99
12) 2-Methylnaphthalene	12.248	142	30892	0.578	ng	99
16) Acenaphthylene	14.152	152	96592	1.281	ng	99
17) Acenaphthene	14.495	154	41002	0.780	ng	99
18) Fluorene	15.489	166	11649	0.171	ng	98
25) Phenanthrene	17.223	178	156682	1.683	ng	100
26) Anthracene	17.310	178	126665	1.594	ng	99
28) Fluoranthene	19.248	202	21327	0.238	ng	99
30) Pyrene	19.610	202	34034	0.392	ng	99
32) Benzo(a)anthracene	21.358	228	16827	0.286	ng	99
33) Chrysene	21.411	228	15731	0.226	ng	98
34) Bis(2-ethylhexyl)phtha...	21.295	149	17331	0.538	ng	99
36) Indeno(1,2,3-cd)pyrene	26.042	276	13412	0.185	ng	# 85
37) Benzo(b)fluoranthene	22.981	252	39949	0.621	ng	95
38) Benzo(k)fluoranthene	23.031	252	43337	0.648	ng	97
39) Benzo(a)pyrene	23.581	252	29015	0.538	ng	95
40) Dibenzo(a,h)anthracene	26.048	278	23832	0.434	ng	97
41) Benzo(g,h,i)perylene	26.747	276	30860	0.470	ng	99

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

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