

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037455.D
 Acq On : 10 Jul 2025 13:15
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL -0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 10 14:12:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	1790	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4475	0.400	ng	-0.01
13) Acenaphthene-d10	14.366	164	2197	0.400	ng	# 0.00
19) Phenanthrene-d10	17.099	188	3877	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	2824	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	2595	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1289	0.268	ng	0.00
5) Phenol-d6	6.886	99	1600	0.270	ng	0.00
8) Nitrobenzene-d5	8.864	82	1041	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2368	0.379	ng	-0.01
14) 2,4,6-Tribromophenol	15.845	330	189	0.210	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	4093	0.338	ng	-0.01
27) Fluoranthene-d10	19.132	212	3794	0.381	ng	0.00
31) Terphenyl-d14	19.740	244	2192	0.368	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.154	93	445	0.094	ng	93
9) Naphthalene	10.562	128	1153	0.096	ng	# 90
10) Hexachlorobutadiene	10.861	225	265	0.108	ng	# 96
12) 2-Methylnaphthalene	12.182	142	650	0.084	ng	98
16) Acenaphthylene	14.077	152	1030	0.100	ng	99
17) Acenaphthene	14.419	154	618	0.093	ng	94
18) Fluorene	15.414	166	742	0.089	ng	99
21) 4-Bromophenyl-phenylether	16.304	248	230	0.091	ng	# 83
22) Hexachlorobenzene	16.416	284	314	0.103	ng	# 91
23) Atrazine	16.565	200	101	0.075	ng	# 68
25) Phenanthrene	17.136	178	1110	0.095	ng	98
26) Anthracene	17.235	178	1020	0.093	ng	99
28) Fluoranthene	19.164	202	1146	0.087	ng	99
30) Pyrene	19.526	202	1105	0.095	ng	99
32) Benzo(a)anthracene	21.268	228	904	0.090	ng	92
33) Chrysene	21.322	228	997	0.097	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.800	276	843	0.087	ng	# 81
37) Benzo(b)fluoranthene	22.855	252	884	0.093	ng	# 70
38) Benzo(k)fluoranthene	22.896	252	870	0.091	ng	# 71
39) Benzo(a)pyrene	23.428	252	772	0.098	ng	# 68
40) Dibenzo(a,h)anthracene	25.823	278	616	0.079	ng	# 70
41) Benzo(g,h,i)perylene	26.490	276	748	0.089	ng	# 79

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

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