

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
 Data File : BN037683.D
 Acq On : 10 Sep 2025 14:46
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 0.1 ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 10 15:21:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 10 02:02:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4114	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11079	0.400	ng	0.00
13) Acenaphthene-d10	14.494	164	5171	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	9694	0.400	ng	#-0.01
29) Chrysene-d12	21.420	240	7972	0.400	ng	0.00
35) Perylene-d12	23.753	264	8020	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2959	0.281	ng	0.00
5) Phenol-d6	6.988	99	3837	0.290	ng	0.00
8) Nitrobenzene-d5	8.993	82	2754	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	6027	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	396	0.275	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	8112	0.399	ng	-0.01
27) Fluoranthene-d10	19.271	212	10459	0.418	ng	0.00
31) Terphenyl-d14	19.870	244	6540	0.389	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.262	93	1210	0.108	ng	96
9) Naphthalene	10.701	128	3075	0.102	ng	# 94
10) Hexachlorobutadiene	11.000	225	571	0.107	ng	# 97
12) 2-Methylnaphthalene	12.314	142	1734	0.089	ng	97
16) Acenaphthylene	14.216	152	2662	0.110	ng	99
17) Acenaphthene	14.559	154	1600	0.103	ng	96
18) Fluorene	15.535	166	1897	0.100	ng	96
21) 4-Bromophenyl-phenylether	16.441	248	620	0.098	ng	99
22) Hexachlorobenzene	16.553	284	759	0.113	ng	99
23) Atrazine	16.702	200	390	0.098	ng	94
25) Phenanthrene	17.285	178	3166	0.107	ng	98
26) Anthracene	17.372	178	2802	0.102	ng	99
28) Fluoranthene	19.299	202	3352	0.101	ng	99
30) Pyrene	19.661	202	3290	0.104	ng	100
32) Benzo(a)anthracene	21.402	228	2968	0.104	ng	99
33) Chrysene	21.456	228	3117	0.108	ng	97
36) Indeno(1,2,3-cd)pyrene	26.145	276	3233	0.106	ng	98
37) Benzo(b)fluoranthene	23.048	252	3062	0.104	ng	# 78
38) Benzo(k)fluoranthene	23.092	252	3050	0.105	ng	# 74
39) Benzo(a)pyrene	23.648	252	2661	0.108	ng	# 71
40) Dibenzo(a,h)anthracene	26.162	278	2352	0.103	ng	# 73
41) Benzo(g,h,i)perylene	26.867	276	2891	0.105	ng	# 85

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

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