

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037456.D
 Acq On : 10 Jul 2025 13:53
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL -0.2ng
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 10 14:20:58 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	7.732	152	2039	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5127	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2558	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4737	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3544	0.400	ng	# 0.00
35) Perylene-d12	23.531	264	3178	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1498	0.273	ng	0.00
5) Phenol-d6	6.887	99	1888	0.280	ng	0.00
8) Nitrobenzene-d5	8.865	82	1232	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2721	0.380	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	256	0.245	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	4387	0.311	ng	0.00
27) Fluoranthene-d10	19.132	212	4481	0.368	ng	0.00
31) Terphenyl-d14	19.740	244	2739	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	427	0.216	ng	# 85
3) n-Nitrosodimethylamine	3.557	42	416	0.179	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.478	198	67	0.178	ng	# 78
24) Pentachlorophenol	16.751	266	195	0.121	ng	91
34) Bis(2-ethylhexyl)phtha...	21.232	149	607	0.217	ng	# 97

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

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