

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143107.D
 Acq On : 16 Jul 2025 11:37
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 16 11:58:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	127325	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	489427	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248832	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	398720	20.000	ng	0.00
76) Chrysene-d12	14.127	240	219247	20.000	ng	0.00
86) Perylene-d12	15.633	264	207078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	903577	112.122	ng	0.00
7) Phenol-d6	6.587	99	1171297	115.627	ng	0.00
23) Nitrobenzene-d5	7.522	82	745082	85.401	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	282933	127.521	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1388517	74.176	ng	0.00
79) Terphenyl-d14	13.074	244	1213878	80.934	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.504	42	48867	9.285	ng	# 93
9) Benzaldehyde	6.516	77	75022	9.719	ng	99
15) Benzyl Alcohol	7.092	79	73440	9.784	ng	97
20) 3+4-Methylphenols	7.351	107	90818	10.598	ng	# 82
32) Benzoic acid	7.939	122	21613	11.310	ng	98
35) Caprolactam	8.633	113	17997	9.001	ng	98
41) Hexachlorocyclopentadiene	9.122	237	35719	8.884	ng	99
54) 2,4-Dinitrophenol	10.039	184	6097	11.721	ng	# 1
56) 4-Nitrophenol	10.080	139	23533	8.754	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	9079	11.763	ng	94
70) Pentachlorophenol	11.292	266	22752	8.620	ng	98
77) Benzidine	12.816	184	74812	10.016	ng	95
82) 3,3'-Dichlorobenzidine	14.074	252	34347	8.096	ng	98
85) Di-n-octyl phthalate	14.727	149	64075	11.420	ng	96

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

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