

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144478.D
 Acq On : 15 Dec 2025 17:06
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-10NG
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Dec 15 17:43:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Jagrut Upadhyay 12/16/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	236045	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	919119	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	489657	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	829752	20.000	ng	0.00
76) Chrysene-d12	13.939	240	639640	20.000	ng	0.00
86) Perylene-d12	15.374	264	458636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1678641	107.228	ng	0.00
7) Phenol-d6	6.416	99	2119033	108.521	ng	0.00
23) Nitrobenzene-d5	7.357	82	1379289	93.908	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	576058	130.125	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2407863	75.437	ng	0.00
79) Terphenyl-d14	12.898	244	2776602	68.533	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.152	42	79391m	8.825	ng	
9) Benzaldehyde	6.340	77	133544	8.736	ng	99
15) Benzyl Alcohol	6.928	79	135537	9.417	ng	99
20) 3+4-Methylphenols	7.187	107	167635	9.643	ng	# 85
32) Benzoic acid	7.781	122	56370	11.845	ng	98
35) Caprolactam	8.475	113	38030	8.763	ng	98
41) Hexachlorocyclopentadiene	8.939	237	47646	5.777	ng	96
54) 2,4-Dinitrophenol	9.875	184	16280	13.150	ng	# 40
56) 4-Nitrophenol	9.916	139	56255	9.987	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	28287	13.643	ng	99
70) Pentachlorophenol	11.110	266	55820	9.152	ng	99
77) Benzidine	12.639	184	129321	5.678	ng	97
82) 3,3'-Dichlorobenzidine	13.898	252	118437	9.279	ng	99
85) Di-n-octyl phthalate	14.545	149	205115	11.606	ng	99

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

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