

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064261.D
 Acq On : 3 Sep 2025 19:53
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 04 01:35:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	34133	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	160840	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	111619	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	253223	20.000	ng	0.00
76) Chrysene-d12	21.450	240	256187	20.000	ng	0.00
86) Perylene-d12	24.458	264	277863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	235668	123.871	ng	0.00
7) Phenol-d6	7.025	99	334941	128.146	ng	0.00
23) Nitrobenzene-d5	9.005	82	262467	91.009	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	186589	126.206	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	650627	88.971	ng	0.00
79) Terphenyl-d14	19.840	244	1122913	91.448	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.665	42	14289	9.255	ng	# 66
9) Benzaldehyde	6.996	77	20964	9.746	ng	94
15) Benzyl Alcohol	8.083	79	23134	9.591	ng	88
20) 3+4-Methylphenols	8.623	107	27256	9.133	ng	97
32) Benzoic acid	9.910	122	11848m	6.530	ng	
35) Caprolactam	11.549	113	7931	8.492	ng	# 75
41) Hexachlorocyclopentadiene	12.654	237	17329	11.322	ng	82
54) 2,4-Dinitrophenol	14.587	184	6963	11.707	ng	94
56) 4-Nitrophenol	14.693	139	11480	8.168	ng	92
65) 4,6-Dinitro-2-methylph...	15.598	198	12700	8.736	ng	96
70) Pentachlorophenol	16.873	266	15713	8.677	ng	93
77) Benzidine	19.452	184	73418	13.623	ng	98
82) 3,3'-Dichlorobenzidine	21.350	252	57899	10.847	ng	99
85) Di-n-octyl phthalate	22.495	149	161371	10.133	ng	98

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

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