

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064263.D
 Acq On : 3 Sep 2025 21:15
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 04 01:15:51 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	7.853	152	37383	20.000	ng	0.00
21) Naphthalene-d8	10.638	136	171179	20.000	ng	#-0.01
39) Acenaphthene-d10	14.475	164	117143	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	230928	20.000	ng	0.00
76) Chrysene-d12	21.449	240	237019	20.000	ng	0.00
86) Perylene-d12	24.457	264	259479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	261867	125.676	ng	0.00
7) Phenol-d6	7.025	99	379808	132.679	ng	0.00
23) Nitrobenzene-d5	9.011	82	288675	94.051	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	182521	117.633	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	706375	92.039	ng	0.00
79) Terphenyl-d14	19.839	244	1093174	96.226	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.664	42	16803	9.937	ng	94
9) Benzaldehyde	6.995	77	23829	10.115	ng	93
15) Benzyl Alcohol	8.088	79	25572	9.680	ng	99
20) 3+4-Methylphenols	8.617	107	31565	9.658	ng	95
32) Benzoic acid	9.916	122	11814m	6.118	ng	
35) Caprolactam	11.543	113	8128	8.178	ng	# 83
41) Hexachlorocyclopentadiene	12.653	237	19287	12.007	ng	92
54) 2,4-Dinitrophenol	14.587	184	6364	10.925	ng	91
56) 4-Nitrophenol	14.686	139	10003	6.782	ng	# 90
65) 4,6-Dinitro-2-methylph...	15.597	198	12633	9.528	ng	89
70) Pentachlorophenol	16.872	266	14603	8.842	ng	# 85
77) Benzidine	19.451	184	69717	13.982	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	56057	11.351	ng	97
85) Di-n-octyl phthalate	22.495	149	156987	10.655	ng	99

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

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