

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064815.D
 Acq On : 19 Nov 2025 14:35
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 19 15:10:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	49326	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	197065	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	163066	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	403986	20.000	ng	0.00
76) Chrysene-d12	21.748	240	466879	20.000	ng	0.00
86) Perylene-d12	25.009	264	449020	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	302928	107.241	ng	0.00
7) Phenol-d6	7.306	99	437495	116.447	ng	0.00
23) Nitrobenzene-d5	9.327	82	329846	82.757	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	367996	115.711	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	935526	80.052	ng	0.00
79) Terphenyl-d14	20.091	244	2163264	91.144	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.851	42	13027	7.855	ng	# 89
9) Benzaldehyde	7.288	77	26895	10.936	ng	91
15) Benzyl Alcohol	8.393	79	27441	8.898	ng	96
20) 3+4-Methylphenols	8.922	107	34349	8.669	ng	95
32) Benzoic acid	10.197	122	9172m	9.425	ng	
35) Caprolactam	11.871	113	9877	9.558	ng	# 75
41) Hexachlorocyclopentadiene	12.970	237	24549	5.397	ng	99
54) 2,4-Dinitrophenol	14.868	184	7666	12.614	ng	91
56) 4-Nitrophenol	14.962	139	14746	7.597	ng	96
65) 4,6-Dinitro-2-methylph...	15.872	198	17592	7.843	ng	92
70) Pentachlorophenol	17.153	266	26760	12.638	ng	94
77) Benzidine	19.703	184	111295	7.960	ng	98
82) 3,3'-Dichlorobenzidine	21.636	252	110022	9.416	ng	99
85) Di-n-octyl phthalate	22.852	149	220057	9.466	ng	99

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

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