

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025739.D
 Acq On : 12 Sep 2025 11:46
 Operator : CG/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 12 12:10:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	139361	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	579948	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	410805	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	867673	20.000	ng	0.00
76) Chrysene-d12	21.618	240	961553	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1023853	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	977639	113.193	ng	0.00
7) Phenol-d6	6.943	99	1336852	116.450	ng	0.00
23) Nitrobenzene-d5	8.901	82	992463	75.487	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	588120	114.778	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2285652	74.083	ng	0.00
79) Terphenyl-d14	19.895	244	3993694	74.719	ng	-0.02
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.619	42	42087	8.936	ng	# 95
9) Benzaldehyde	6.913	77	82834	12.038	ng	98
15) Benzyl Alcohol	8.001	79	83316	8.783	ng	97
20) 3+4-Methylphenols	8.537	107	95742	8.377	ng	98
32) Benzoic acid	9.831	122	48862m	7.154	ng	
35) Caprolactam	11.478	113	28149	7.972	ng	95
41) Hexachlorocyclopentadiene	12.531	237	36032	5.315	ng	97
54) 2,4-Dinitrophenol	14.507	184	22251	9.664	ng	92
56) 4-Nitrophenol	14.654	139	30830	9.319	ng	94
65) 4,6-Dinitro-2-methylph...	15.536	198	41215	7.143	ng	96
70) Pentachlorophenol	16.830	266	54398	7.754	ng	97
77) Benzidine	19.507	184	223760	8.079	ng	98
82) 3,3'-Dichlorobenzidine	21.524	252	200309	8.800	ng	98
85) Di-n-octyl phthalate	22.807	149	598241	8.171	ng	99

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

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