

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025660.D
 Acq On : 04 Sep 2025 14:47
 Operator : CG/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 04 21:01:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	140687	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	584795	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	389817	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	778487	20.000	ng	0.00
76) Chrysene-d12	21.642	240	828025	20.000	ng	0.00
86) Perylene-d12	25.024	264	922045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1054919	124.525	ng	-0.02
7) Phenol-d6	6.955	99	1355815	124.830	ng	-0.01
23) Nitrobenzene-d5	8.913	82	961571	83.177	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	661237	126.023	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2263522	79.358	ng	-0.02
79) Terphenyl-d14	19.919	244	3756167	82.995	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.631	42	41748	11.149	ng	# 82
9) Benzaldehyde	6.919	77	81537	10.715	ng	94
15) Benzyl Alcohol	8.008	79	83275	9.650	ng	97
20) 3+4-Methylphenols	8.543	107	98992	9.022	ng	96
32) Benzoic acid	9.837	122	36570	5.432	ng	98
35) Caprolactam	11.484	113	29610	8.915	ng	93
41) Hexachlorocyclopentadiene	12.548	237	37402	5.500	ng	98
54) 2,4-Dinitrophenol	14.519	184	20128	6.264	ng	# 86
56) 4-Nitrophenol	14.666	139	31375	5.640	ng	89
65) 4,6-Dinitro-2-methylph...	15.548	198	40017	8.246	ng	90
70) Pentachlorophenol	16.854	266	50433	8.050	ng	95
77) Benzidine	19.519	184	268335	9.496	ng	98
82) 3,3'-Dichlorobenzidine	21.548	252	191945	9.325	ng	98
85) Di-n-octyl phthalate	22.842	149	571655	9.256	ng	97

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

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