

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023958.D
 Acq On : 11 Dec 2025 16:28
 Operator : SY/MD
 Sample : Q3834-29
 Misc : 11.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B127(5.5-8)120925

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/12/2025
 Supervised By : Mahesh Dadoda 12/12/2025

Quant Time: Dec 12 03:25:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	354418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	527728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	482887	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	546103	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	158576	50.605	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.220%			
35) Dibromofluoromethane	7.640	113	170416	49.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.800%			
50) Toluene-d8	10.109	98	1190747	92.711	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 185.420%#			
62) 4-Bromofluorobenzene	12.402	95	1190401	277.534	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 555.060%#			
Target Compounds						Qvalue
8) Diethyl Ether	3.464	74	13319	8.254	ug/l	99
16) Acetone	3.873	43	36143	13.891	ug/l	98
17) Carbon Disulfide	4.116	76	20358	2.384	ug/l	97
22) Diisopropyl ether	6.031	45	23878	2.548	ug/l	# 90
40) Benzene	8.085	78	14618	1.022	ug/l	97
52) Toluene	10.176	92	35576	3.759	ug/l	98
73) Isopropylbenzene	12.255	105	1547926	38.785	ug/l	99
78) n-propylbenzene	12.597	91	1200016	25.843	ug/l	90
85) sec-Butylbenzene	13.176	105	2432294	56.679	ug/l	# 69
89) n-Butylbenzene	13.621	91	543362m	17.098	ug/l	

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

