

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023948.D
 Acq On : 11 Dec 2025 12:28
 Operator : SY/MD
 Sample : Q3815-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RE

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 03:21:38 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	136352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	236564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	211153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	89582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78605	65.203	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.400%			
35) Dibromofluoromethane	7.646	113	78766	50.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.880%			
50) Toluene-d8	10.109	98	281320	48.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.408	95	91960	47.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.660%			
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.524	91	156941	19.144	ug/l	98
73) Isopropylbenzene	12.255	105	177369	27.093	ug/l	100
78) n-propylbenzene	12.597	91	839580	110.224	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	169231	32.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	791217	152.922	ug/l	100
85) sec-Butylbenzene	13.176	105	183607	26.082	ug/l #	54
86) p-Isopropyltoluene	13.292	119	51432	8.632	ug/l	98
89) n-Butylbenzene	13.621	91	255578m	49.026	ug/l	

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

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