

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022790.D
 Acq On : 24 Jun 2025 12:22
 Operator : SY/MD
 Sample : Q2383-01RE
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-5376RE

Quant Time: Jun 25 01:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	290348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	513250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	101333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	164253	50.686	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.380%	
35) Dibromofluoromethane	7.628	113	158404	50.749	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.103	98	603630	48.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.402	95	146161	36.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.420%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	902855	4190.063	ug/l	99
16) Acetone	3.867	43	351600	574.046	ug/l	97
25) 2-Butanone	6.890	43	135722	152.251	ug/l	99
29) Tetrahydrofuran	7.262	42	121500	215.849	ug/l	98
48) Methyl methacrylate	9.219	41	126989	62.254	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	122864	56.980	ug/l	96
52) Toluene	10.164	92	12222	1.332	ug/l	96
59) 2-Hexanone	10.756	43	39148	26.704	ug/l	95
68) m/p-Xylenes	11.621	106	12825	2.124	ug/l	92
73) Isopropylbenzene	12.249	105	11329	1.512	ug/l	96
78) n-propylbenzene	12.591	91	14928	1.650	ug/l	92
84) 1,2,4-Trimethylbenzene	13.036	105	38840	6.412	ug/l	97

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

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