

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012782.D
 Acq On : 03 Mar 2023 00:11
 Operator : KP/MD
 Sample : 01740-05
 Misc : 14.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-8-GRAB-8

Quant Time: Mar 03 02:03:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	10777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5825	54.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.880%	
35) Dibromofluoromethane	7.716	113	4925	56.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.120%	
50) Toluene-d8	10.179	98	16616	51.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.477	95	6059	55.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	507	3.992	ug/l #	73
16) Acetone	3.942	43	3982	94.812	ug/l #	85
17) Carbon Disulfide	4.186	76	1059	2.803	ug/l #	75
18) Methyl Acetate	4.479	43	7220	57.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	823	2.517	ug/l	87
83) tert-Butylbenzene	13.081	119	442	1.566	ug/l	74
84) 1,2,4-Trimethylbenzene	13.123	105	1463	4.575	ug/l	98
85) sec-Butylbenzene	13.251	105	621	1.442	ug/l #	70
86) p-Isopropyltoluene	13.373	119	1017	2.890	ug/l	90

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

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