

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014291.D
 Acq On : 20 Jun 2023 18:17
 Operator : KP/MD
 Sample : 03298-13
 Misc : 8.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-07-5N-4

Quant Time: Jun 21 02:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115893	47.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.716	113	91302	46.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.179	98	330936	45.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.483	95	93575	36.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.540%

Target Compounds						Qvalue
16) Acetone	3.948	43	107910	147.416	ug/l	96
17) Carbon Disulfide	4.186	76	20539	3.183	ug/l	99
18) Methyl Acetate	4.478	43	3750	1.320	ug/l	95
25) 2-Butanone	6.990	43	29812	33.085	ug/l	99
29) Tetrahydrofuran	7.356	42	3277	5.735	ug/l #	92
52) Toluene	10.246	92	7852	1.406	ug/l	98
73) Isopropylbenzene	12.331	105	41157	5.957	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	6110	1.033	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	7231	1.235	ug/l	97
86) p-Isopropyltoluene	13.367	119	25885	4.138	ug/l	97

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

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