

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012537.D
 Acq On : 08 Feb 2023 13:05
 Operator : KP/MD
 Sample : 01465-05
 Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-4

Quant Time: Feb 09 07:13:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81254	45.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.716	113	68993	40.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.060%
50) Toluene-d8	10.179	98	269846	38.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.180%
62) 4-Bromofluorobenzene	12.477	95	88764	35.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.840%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	10477	7.619	ug/l	98
16) Acetone	3.948	43	111941	258.171	ug/l	98
17) Carbon Disulfide	4.198	76	110619	30.239	ug/l	100
18) Methyl Acetate	4.479	43	10566	10.138	ug/l	98
25) 2-Butanone	6.984	43	19461	40.453	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	29084	16.294	ug/l	87
29) Tetrahydrofuran	7.344	42	2422	9.313	ug/l	96
44) Trichloroethene	8.941	130	5084	2.455	ug/l	100
52) Toluene	10.246	92	25806	5.593	ug/l	99
65) Chlorobenzene	11.514	112	13428	2.628	ug/l	99
68) m/p-Xylenes	11.697	106	3625	1.013	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	7569	1.243	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	19197	3.203	ug/l	99
86) p-Isopropyltoluene	13.367	119	20229	3.051	ug/l #	76
88) 1,4-Dichlorobenzene	13.446	146	10173	2.976	ug/l #	72

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

