

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006978.D
 Acq On : 06 Dec 2021 23:32
 Operator : SY/MD
 Sample : M4887-24
 Misc : 6.18g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 04:14:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	128182	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	98497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	26818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	46858	28.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.520%			
7) Chloroethane-d5	2.766	69	32504	25.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	3.851	63	47251	13.767	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.080%			
21) 2-Butanone-d5	6.881	46	4246m	6.659	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.320%#			
24) Chloroform-d	7.472	84	69036	21.611	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.440%			
26) 1,2-Dichloroethane-d4	8.143	65	45009	23.473	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.880%			
32) Benzene-d6	8.112	84	136062	26.005	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.040%			
36) 1,2-Dichloropropane-d6	9.118	67	46277	28.151	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.600%			
41) Toluene-d8	10.179	98	109365	22.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.280%			
43) trans-1,3-Dichloroprop...	10.435	79	15036	18.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.640%			
47) 2-Hexanone-d5	10.789	63	5166	13.578	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 27.160%			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	33996	24.822	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.280%			
66) 1,2-Dichlorobenzene-d4	13.721	152	20240	23.143	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.560%			
Target Compounds					Qvalue	
13) Acetone	3.942	43	2215m	3.790	ug/L	
27) 1,2-Dichloroethane	8.234	62	2316	0.912	ug/L	99
42) Toluene	10.240	91	4794	0.679	ug/L	92

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

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