

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007002.D
 Acq On : 07 Dec 2021 17:38
 Operator : SY/MD
 Sample : M4887-16
 Misc : 5.75g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 08 02:57:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	150338	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	138599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	64300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	47539	14.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.280%		
7) Chloroethane-d5	2.772	69	39153	15.151	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.600%		
11) 1,1-Dichloroethene-d2	3.851	63	60761	11.650	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.600%		
21) 2-Butanone-d5	6.893	46	45039	46.006	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.020%		
24) Chloroform-d	7.484	84	89649	18.807	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.240%		
26) 1,2-Dichloroethane-d4	8.143	65	62143	21.778	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.120%		
32) Benzene-d6	8.112	84	178469	19.698	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.800%		
36) 1,2-Dichloropropane-d6	9.124	67	63137	20.668	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.680%		
41) Toluene-d8	10.179	98	149699	17.900	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.600%		
43) trans-1,3-Dichloroprop...	10.441	79	31371	22.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.760%		
47) 2-Hexanone-d5	10.789	63	30134	42.922	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.840%		
56) 1,1,2,2-Tetrachloroeth...	12.563	84	58980	22.557	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.240%		
66) 1,2-Dichlorobenzene-d4	13.727	152	54440	22.022	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.080%		
Target Compounds					Qvalue	
13) Acetone	3.954	43	2568m	3.037	ug/L	

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

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