

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006946.D
 Acq On : 04 Dec 2021 16:53
 Operator : SY/MD
 Sample : M4884-16
 Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K2

Quant Time: Dec 05 06:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.691	114	102675	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.490	117	82327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	24149	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	48479	36.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.640%		
7) Chloroethane-d5		2.772	69	36288	34.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.920%		
11) 1,1-Dichloroethene-d2		3.851	63	52952	19.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.040%		
21) 2-Butanone-d5		6.899	46	25641	50.203	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.400%		
24) Chloroform-d		7.478	84	72351	28.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.120%		
26) 1,2-Dichloroethane-d4		8.143	65	42673	27.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.120%		
32) Benzene-d6		8.112	84	145372	33.242	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 132.960%		
36) 1,2-Dichloropropane-d6		9.124	67	47558	34.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 138.440%#		
41) Toluene-d8		10.179	98	114175	27.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.520%		
43) trans-1,3-Dichloroprop...		10.441	79	15544	23.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.560%		
47) 2-Hexanone-d5		10.788	63	15633	49.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.320%		
56) 1,1,2,2-Tetrachloroeth...		12.563	84	30274	26.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4		13.721	152	19918	25.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.160%		
Target Compounds							Qvalue
13) Acetone		3.948	43	5803	12.397	ug/L	74
20) cis-1,2-Dichloroethene		6.984	96	17688	11.134	ug/L	89
25) Chloroform		7.509	83	3338	1.189	ug/L	92
34) Trichloroethene		8.941	95	112676	82.649	ug/L	92
45) 1,1,2-Trichloroethane		10.648	97	4788	4.580	ug/L	97
46) Tetrachloroethene		10.721	164	5039	4.412	ug/L	92

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

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