

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006943.D
 Acq On : 04 Dec 2021 15:48
 Operator : SY/MD
 Sample : M4884-13
 Misc : 3.54g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J9

Quant Time: Dec 05 06:08:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.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	131999	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	87371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	29807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	58432	34.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.480%	
7) Chloroethane-d5	2.766	69	41213	30.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.600%	
11) 1,1-Dichloroethene-d2	3.851	63	66810	18.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.600%	
21) 2-Butanone-d5	6.887	46	51603	78.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 157.180%#	
24) Chloroform-d	7.478	84	95510	29.034	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.120%	
26) 1,2-Dichloroethane-d4	8.143	65	60009	30.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.560%	
32) Benzene-d6	8.112	84	178623	38.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 153.960%#	
36) 1,2-Dichloropropane-d6	9.124	67	62987	43.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 172.760%#	
41) Toluene-d8	10.179	98	128426	29.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.160%	
43) trans-1,3-Dichloroprop...	10.435	79	21566	30.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 122.320%	
47) 2-Hexanone-d5	10.789	63	26987	79.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 159.920%#	
56) 1,1,2,2-Tetrachloroeth...	12.557	84	44875	36.938	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 147.760%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	30135	31.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 124.000%#	
Target Compounds						Qvalue
13) Acetone	3.948	43	2456	4.081	ug/L	77
27) 1,2-Dichloroethane	8.234	62	3722	1.423	ug/L	95
34) Trichloroethene	8.941	95	908119	627.659	ug/L	94
42) Toluene	10.246	91	4281	0.683	ug/L	94
45) 1,1,2-Trichloroethane	10.642	97	16067	14.483	ug/L	90
46) Tetrachloroethene	10.715	164	2672	2.204	ug/L	90

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

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