

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006970.D
 Acq On : 06 Dec 2021 18:47
 Operator : SY/MD
 Sample : M4887-16
 Misc : 5.65g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0

Quant Time: Dec 07 00:49:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.685	114	105428	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.489	117	62432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	16902	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	43372	31.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.760%	
7) Chloroethane-d5		2.765	69	30052	28.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.840%	
11) 1,1-Dichloroethene-d2		3.851	63	41435	14.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.720%	
21) 2-Butanone-d5		6.880	46	11780	22.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.920%	
24) Chloroform-d		7.478	84	60393	22.986	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%	
26) 1,2-Dichloroethane-d4		8.136	65	40839	25.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.600%	
32) Benzene-d6		8.106	84	110558	33.337	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.360%	
36) 1,2-Dichloropropane-d6		9.118	67	39863	38.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	153.040%#	
41) Toluene-d8		10.179	98	71962	23.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.680%	
43) trans-1,3-Dichloroprop...		10.435	79	11228	22.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%	
47) 2-Hexanone-d5		10.782	63	7471	30.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.960%	
56) 1,1,2,2-Tetrachloroeth...		12.556	84	26452	30.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.880%#	
66) 1,2-Dichlorobenzene-d4		13.721	152	13436	24.377	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.520%	
Target Compounds							
13) Acetone		3.942	43	2211	4.600	ug/L	77
34) Trichloroethene		8.935	95	4686	4.533	ug/L	94
46) Tetrachloroethene		10.721	164	1325	1.530	ug/L	86

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

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