

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006983.D
 Acq On : 07 Dec 2021 01:22
 Operator : SY/MD
 Sample : M4884-07
 Misc : 4.48g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J3

Quant Time: Dec 07 04:15:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.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	137028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	121204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	41081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	30888	17.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.765	69	27268	19.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	3.851	63	34082	9.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.160%#
21) 2-Butanone-d5	6.887	46	38167	55.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.980%
24) Chloroform-d	7.478	84	57690	16.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.560%
26) 1,2-Dichloroethane-d4	8.143	65	44661	21.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.160%
32) Benzene-d6	8.112	84	117894	18.311	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.240%
36) 1,2-Dichloropropane-d6	9.118	67	45941	22.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.179	98	84246	13.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.880%
43) trans-1,3-Dichloroprop...	10.435	79	15922	16.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.080%
47) 2-Hexanone-d5	10.788	63	24768	52.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	39044	23.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.721	152	21266	15.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.480%#
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	7576	12.128	ug/L	91
27) 1,2-Dichloroethane	8.234	62	3941	1.452	ug/L #	92
33) Benzene	8.161	78	23807	2.922	ug/L	100
34) Trichloroethene	8.941	95	2948	1.469	ug/L	95
42) Toluene	10.240	91	25698	2.956	ug/L	99

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

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