

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006972.D
 Acq On : 06 Dec 2021 19:31
 Operator : SY/MD
 Sample : M4887-20
 Misc : 5.47g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D2

Quant Time: Dec 07 00:49:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.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	106421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	75038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	22720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43924	32.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.200%
7) Chloroethane-d5	2.765	69	29646	27.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.280%
11) 1,1-Dichloroethene-d2	3.850	63	42023	14.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.000%
21) 2-Butanone-d5	6.880	46	19014	35.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.840%
24) Chloroform-d	7.472	84	62109	23.418	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.136	65	39018	24.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.106	84	112145	28.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.520%
36) 1,2-Dichloropropane-d6	9.118	67	41018	32.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.000%#
41) Toluene-d8	10.179	98	96910	25.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	10.441	79	14450	23.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.782	63	9812	33.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.700%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	26059	24.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.721	152	14570	19.665	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.640%
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	2619	5.398	ug/L	78
34) Trichloroethene	8.929	95	1038	0.835	ug/L	73

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

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