

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007001.D
 Acq On : 07 Dec 2021 17:05
 Operator : SY/MD
 Sample : M4887-01
 Misc : 5.08g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX898

Quant Time: Dec 08 02:57:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	150825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	159035	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	73390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	48286	14.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.960%
7) Chloroethane-d5	2.766	69	39033	15.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.240%
11) 1,1-Dichloroethene-d2	3.851	63	56789	10.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.400%#
21) 2-Butanone-d5	6.887	46	41938	42.700	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.400%
24) Chloroform-d	7.478	84	83216	17.401	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.600%
26) 1,2-Dichloroethane-d4	8.143	65	52321	18.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	8.112	84	152299	14.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.600%
36) 1,2-Dichloropropane-d6	9.124	67	56641	16.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.640%#
41) Toluene-d8	10.185	98	154170	16.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.280%
43) trans-1,3-Dichloroprop...	10.441	79	29728	18.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	10.788	63	33101	41.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	56680	18.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.560%
66) 1,2-Dichlorobenzene-d4	13.727	152	52524	18.616	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.480%#
Target Compounds						Qvalue
13) Acetone	3.948	43	2657	3.132	ug/L	97
27) 1,2-Dichloroethane	8.246	62	2356	0.697	ug/L	96
34) Trichloroethene	8.947	95	3576	1.255	ug/L	87
46) Tetrachloroethene	10.727	164	1745	0.797	ug/L	85

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

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