

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006959.D
 Acq On : 06 Dec 2021 14:45
 Operator : SY/MD
 Sample : M4887-02
 Misc : 5.20g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX899

Quant Time: Dec 07 00:46:51 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	66365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	40045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	6600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36749	42.995	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 171.960%#		
7) Chloroethane-d5	2.771	69	26276	39.189	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 156.760%#		
11) 1,1-Dichloroethene-d2	3.844	63	38289	21.548	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	= 86.200%		
21) 2-Butanone-d5	6.880	46	9952	30.146	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 60.300%		
24) Chloroform-d	7.478	84	43457	26.275	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 105.120%		
26) 1,2-Dichloroethane-d4	8.136	65	28458	28.666	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 114.680%		
32) Benzene-d6	8.106	84	85113	40.012	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 160.040%#		
36) 1,2-Dichloropropane-d6	9.118	67	31871	47.686	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 190.760%#		
41) Toluene-d8	10.178	98	62633	31.437	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 125.760%		
43) trans-1,3-Dichloroprop...	10.434	79	7943	24.571	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 98.280%		
47) 2-Hexanone-d5	10.782	63	8700	56.243	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 112.480%		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	19167	34.423	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 137.680%#		
66) 1,2-Dichlorobenzene-d4	13.720	152	5353	24.871	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 99.480%		
Target Compounds						
						Qvalue
13) Acetone	3.942	43	3811	12.596	ug/L	86
14) Carbon disulfide	4.198	76	2619	0.885	ug/L #	76
16) Methylene chloride	4.704	84	6113	5.136	ug/L	85
27) 1,2-Dichloroethane	8.234	62	5384	4.095	ug/L #	93
34) Trichloroethene	8.941	95	19681	29.679	ug/L	91
42) Toluene	10.239	91	4358	1.517	ug/L	88
46) Tetrachloroethene	10.715	164	242350	436.210	ug/L	96

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

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