

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006973.D
 Acq On : 06 Dec 2021 19:53
 Operator : SY/MD
 Sample : M4887-21
 Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D3

Quant Time: Dec 07 00:49:32 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	62053	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	47294	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	7818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	42534	53.221	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 212.880%#		
7) Chloroethane-d5	2.765	69	29688	47.355	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 189.400%#		
11) 1,1-Dichloroethene-d2	3.851	63	46447	27.955	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 111.840%#		
21) 2-Butanone-d5	6.881	46	2501	8.102	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 16.200%#		
24) Chloroform-d	7.472	84	46550	30.101	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 120.400%		
26) 1,2-Dichloroethane-d4	8.136	65	27124	29.221	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 116.880%		
32) Benzene-d6	8.106	84	89207	35.509	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 142.040%#		
36) 1,2-Dichloropropane-d6	9.118	67	37627	47.669	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 190.680%#		
41) Toluene-d8	10.179	98	80965	34.410	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 137.640%#		
43) trans-1,3-Dichloroprop...	10.435	79	4965	13.005	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 52.000%		
47) 2-Hexanone-d5	10.782	63	1323	7.242	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 14.480%#		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	19857	30.196	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 120.800%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	7091	27.813	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 111.240%		
Target Compounds						Qvalue
13) Acetone	3.942	43	10276	36.325	ug/L	70
15) Methyl Acetate	4.466	43	5157	8.362	ug/L #	77
16) Methylene chloride	4.710	84	9008	8.095	ug/L	84
27) 1,2-Dichloroethane	8.240	62	4920	4.002	ug/L #	91
34) Trichloroethene	8.935	95	1811	2.312	ug/L	83
42) Toluene	10.240	91	5352	1.578	ug/L	93
53) m,p-Xylene	11.697	106	3203	2.322	ug/L	87
54) o-Xylene	12.026	106	1226	0.945	ug/L	91

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

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