

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006960.D
 Acq On : 06 Dec 2021 15:07
 Operator : SY/MD
 Sample : M4887-03
 Misc : 5.91g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 00:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.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	8.691	114	97288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	63545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	21439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	39413	31.455	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.840%			
7) Chloroethane-d5	2.765	69	28120	28.609	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.440%			
11) 1,1-Dichloroethene-d2	3.850	63	48436	18.594	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.360%			
21) 2-Butanone-d5	6.887	46	14299	29.546	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.100%			
24) Chloroform-d	7.472	84	52228	21.541	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.160%			
26) 1,2-Dichloroethane-d4	8.142	65	35747	24.563	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.240%			
32) Benzene-d6	8.112	84	95209	28.206	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.840%			
36) 1,2-Dichloropropane-d6	9.118	67	34635	32.657	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 130.640%#			
41) Toluene-d8	10.179	98	72026	22.782	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.120%			
43) trans-1,3-Dichloroprop...	10.435	79	12094	23.576	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.320%			
47) 2-Hexanone-d5	10.782	63	8412	34.270	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.540%			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	30509	34.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 138.120%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	11207	16.030	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 64.120%#			
Target Compounds						Qvalue
13) Acetone	3.942	43	2401m	5.413	ug/L	
27) 1,2-Dichloroethane	8.240	62	1707	0.886	ug/L	99
34) Trichloroethene	8.941	95	1557	1.480	ug/L #	71
46) Tetrachloroethene	10.715	164	154613	175.374	ug/L	97

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

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