

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006969.D
 Acq On : 06 Dec 2021 18:25
 Operator : SY/MD
 Sample : M4887-15
 Misc : 4.37g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8C9

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 00:48:49 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	8.685	114	65103	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.483	117	29836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	5626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	37027	44.160	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	= 176.640%#		
7) Chloroethane-d5	2.765	69	24537	37.305	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 149.200%		
11) 1,1-Dichloroethene-d2	3.851	63	33899	19.447	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 77.800%		
21) 2-Butanone-d5	6.881	46	4053m	12.515	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 25.040%		
24) Chloroform-d	7.472	84	41857	25.799	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 103.200%		
26) 1,2-Dichloroethane-d4	8.136	65	22561	23.166	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 92.680%		
32) Benzene-d6	8.106	84	75960	47.928	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 191.720%#		
36) 1,2-Dichloropropane-d6	9.124	67	23255	46.700	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 186.800%#		
41) Toluene-d8	10.179	98	43345	29.201	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 116.800%		
43) trans-1,3-Dichloroprop...	10.435	79	4496	18.667	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 74.680%		
47) 2-Hexanone-d5	10.788	63	2302	19.974	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 39.940%		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	15357	37.017	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 148.080%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	3974	21.660	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 86.640%		
Target Compounds						Qvalue
13) Acetone	3.948	43	1855m	6.250	ug/L	
16) Methylene chloride	4.710	84	7221	6.185	ug/L	84
27) 1,2-Dichloroethane	8.234	62	2100	1.628	ug/L #	92
34) Trichloroethene	8.935	95	255230	516.582	ug/L	92
42) Toluene	10.246	91	2296	1.073	ug/L	100
45) 1,1,2-Trichloroethane	10.642	97	2461	6.496	ug/L	92
46) Tetrachloroethene	10.715	164	1886	4.556	ug/L	98

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

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