

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046231.D
 Acq On : 09 Dec 2021 19:35
 Operator : SY/MD
 Sample : M4983-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P9

Quant Time: Dec 10 03:46:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/28/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	191428	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71817	45.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.080%		
7) Chloroethane-d5	1.919	69	53590	44.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.520%		
11) 1,1-Dichloroethene-d2	2.578	63	168868	59.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	119.300%		
21) 2-Butanone-d5	4.642	46	114425	91.281	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.280%		
24) Chloroform-d	5.067	84	116141	44.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.200%		
26) 1,2-Dichloroethane-d4	5.706	65	80076	45.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.620%		
32) Benzene-d6	5.732	84	257286	45.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
36) 1,2-Dichloropropane-d6	6.694	67	79536	45.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.720%		
41) Toluene-d8	7.899	98	228796	44.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.820%		
43) trans-1,3-Dichloroprop...	8.179	79	38943	46.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.020%		
47) 2-Hexanone-d5	8.636	63	80551	96.885	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.880%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	121951	45.859	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	93265	46.104	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	4764	1.943	ug/L	93
12) 1,1-Dichloroethene	2.588	96	148166m	111.940	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	4490	3.205	ug/L	95
19) 1,1-Dichloroethane	3.877	63	274343	107.719	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	204289	134.411	ug/L	99
25) Chloroform	5.092	83	22926	8.102	ug/L	99
27) 1,2-Dichloroethane	5.803	62	1914	0.912	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	815782	336.657	ug/L	99
31) Carbon tetrachloride	5.530	117	8771	4.264	ug/L	91
34) Trichloroethene	6.546	95	170186	108.123	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	3647	2.323	ug/L	95
46) Tetrachloroethene	8.555	164	89589	77.452	ug/L	97

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

