

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057419.D
 Acq On : 09 Jan 2024 06:22
 Operator : MD/SY
 Sample : P1058-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHF3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 07:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	264957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73976	40.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.140%		
7) Chloroethane-d5	1.914	69	59507	42.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.340%		
11) 1,1-Dichloroethene-d2	2.560	63	126260	32.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.340%		
21) 2-Butanone-d5	4.637	46	91848	103.942	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.940%		
24) Chloroform-d	5.055	84	181761	42.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.300%		
26) 1,2-Dichloroethane-d4	5.692	65	126349	44.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.700%		
32) Benzene-d6	5.717	84	320331	46.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.840%		
36) 1,2-Dichloropropane-d6	6.682	67	90326	46.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.760%		
41) Toluene-d8	7.894	98	283922	43.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.820%		
43) trans-1,3-Dichloroprop...	8.174	79	49933	42.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.900%		
47) 2-Hexanone-d5	8.643	63	64528	101.348	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.350%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131153	45.061	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.120%		
66) 1,2-Dichlorobenzene-d4	12.190	152	100896	48.530	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.060%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	11662	6.496	ug/L	# 1
13) Acetone	2.650	43	44456	41.313	ug/L	95
20) cis-1,2-Dichloroethene	4.660	96	5322m	2.709	ug/L	
22) 2-Butanone	4.730	43	17140m	16.165	ug/L	
34) Trichloroethene	6.537	95	2924	1.386	ug/L	86

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

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