

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057389.D
 Acq On : 08 Jan 2024 17:55
 Operator : MD/SY
 Sample : 05787-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCME6

Quant Time: Jan 09 05:05:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	256578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253691	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80563	45.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.240%		
7) Chloroethane-d5	1.914	69	63038	46.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.260%		
11) 1,1-Dichloroethene-d2	2.560	63	129132	34.499	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.000%		
21) 2-Butanone-d5	4.634	46	90498	105.759	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.760%		
24) Chloroform-d	5.055	84	184620	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
26) 1,2-Dichloroethane-d4	5.692	65	129989	47.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
32) Benzene-d6	5.721	84	332167	48.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.560%		
36) 1,2-Dichloropropane-d6	6.685	67	91877	47.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.600%		
41) Toluene-d8	7.891	98	296095	46.398	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
43) trans-1,3-Dichloroprop...	8.174	79	54318	47.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.700%		
47) 2-Hexanone-d5	8.643	63	67057	106.723	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.720%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	134979	46.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.980%		
66) 1,2-Dichlorobenzene-d4	12.190	152	106070	51.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.520%		
Target Compounds					Qvalue	
13) Acetone	2.647	43	13145m	12.615	ug/L	
20) cis-1,2-Dichloroethene	4.666	96	5777	3.036	ug/L	88
34) Trichloroethene	6.541	95	4328	2.079	ug/L	90
46) Tetrachloroethene	8.547	164	188448	119.685	ug/L	99

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

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