

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053614.D
 Acq On : 10 Apr 2023 14:51
 Operator : JC/MD
 Sample : 02251-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMC8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	282513	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.439	117	301521	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.816	152	184501	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86183	39.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.360%		
7) Chloroethane-d5	1.909	69	73016	43.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.100%		
11) 1,1-Dichloroethene-d2	2.562	63	109246	32.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.160%		
21) 2-Butanone-d5	4.613	46	99177	99.577	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.580%		
24) Chloroform-d	5.057	84	148127	40.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.440%		
26) 1,2-Dichloroethane-d4	5.703	65	99828	46.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.880%		
32) Benzene-d6	5.739	84	334863	41.144	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.280%		
36) 1,2-Dichloropropane-d6	6.687	67	103373	41.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.100%		
41) Toluene-d8	7.896	98	308380	38.122	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.240%#		
43) trans-1,3-Dichloroprop...	8.176	79	49694	38.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.400%		
47) 2-Hexanone-d5	8.629	63	84757	99.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.830%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	156577	44.656	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.320%		
66) 1,2-Dichlorobenzene-d4	12.198	152	157388	40.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.740%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	10893	6.284	ug/L	# 1
17) trans-1,2-Dichloroethene	3.356	96	1627	0.934	ug/L	92
29) Cyclohexane	5.388	56	10696	3.685	ug/L	95
33) Benzene	5.758	78	47132225m	5999.562	ug/L	
34) Trichloroethene	6.539	95	4329	1.822	ug/L	88
51) Chlorobenzene	9.439	112	37835637m	6168.199	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	1783339	312.876	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	21112755m	3634.364	ug/L	
67) 1,2-Dichlorobenzene	12.211	146	16133794m	2840.087	ug/L	
70) 1,2,4-trichlorobenzene	13.835	180	520050	132.892	ug/L	99

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

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