

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053615.D
 Acq On : 10 Apr 2023 15:15
 Operator : JC/MD
 Sample : 02251-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD0

Quant Time: Apr 11 02:22:27 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	264841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	252920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85310	41.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.740%		
7) Chloroethane-d5	1.909	69	73738	46.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.760%		
11) 1,1-Dichloroethene-d2	2.562	63	102827	32.212	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.420%		
21) 2-Butanone-d5	4.613	46	104985	112.442	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.440%		
24) Chloroform-d	5.057	84	151129	44.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.620%		
26) 1,2-Dichloroethane-d4	5.697	65	99674	49.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.920%		
32) Benzene-d6	5.726	84	321431	47.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
36) 1,2-Dichloropropane-d6	6.687	67	98462	47.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.380%		
41) Toluene-d8	7.893	98	295413	43.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.080%		
43) trans-1,3-Dichloroprop...	8.172	79	46468	43.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.626	63	80346	112.819	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.820%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141091	47.972	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.940%		
66) 1,2-Dichlorobenzene-d4	12.188	152	120938	44.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.120%		
Target Compounds					Qvalue	
13) Acetone	2.620	43	2148	2.560	ug/L	92
25) Chloroform	5.083	83	2021	0.651	ug/L #	75
33) Benzene	5.767	78	17745146m	2692.871	ug/L	
51) Chlorobenzene	9.446	112	14161454	2752.324	ug/L #	88
64) 1,3-Dichlorobenzene	11.741	146	78846	19.410	ug/L	98
65) 1,4-Dichlorobenzene	11.831	146	2220691	536.394	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	1784316	440.737	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	38501	13.805	ug/L	98

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

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