

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048237.D
 Acq On : 22 Apr 2022 20:07
 Operator : SY/MD
 Sample : N2486-08 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J40

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 22 22:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	301648	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	321866	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	169967	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105055	48.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.060%		
7) Chloroethane-d5	1.880	69	52903	30.672	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.340%#		
11) 1,1-Dichloroethene-d2	2.556	63	131339	32.817	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.640%		
21) 2-Butanone-d5	4.626	46	173210	92.254	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.250%		
24) Chloroform-d	5.063	84	178646	44.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
26) 1,2-Dichloroethane-d4	5.700	65	112764	45.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
32) Benzene-d6	5.726	84	374928	46.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
36) 1,2-Dichloropropane-d6	6.690	67	126402	50.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.640%		
41) Toluene-d8	7.899	98	310286	39.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.640%#		
43) trans-1,3-Dichloroprop...	8.179	79	47509	37.702	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.400%		
47) 2-Hexanone-d5	8.642	63	124743	85.671	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.670%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217289	50.904	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	153548m	50.779	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.560%		
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	8402	3.539	ug/L	93
33) Benzene	5.771	78	39655	4.256	ug/L	100
51) Chlorobenzene	9.449	112	1095487	157.830	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	77699	15.218	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	377791	71.437	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	2090226	409.148	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	493213	135.797	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	100679	27.652	ug/L	97

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

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