

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047644.D
 Acq On : 24 Mar 2022 20:00
 Operator : SY/MD
 Sample : N2081-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 24 23:49:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70136	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	75481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43606	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33708	66.276	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	132.560%	
7) Chloroethane-d5	1.919	69	26351	65.708	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	131.420%#	
11) 1,1-Dichloroethene-d2	2.572	63	48400	52.013	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	104.020%	
21) 2-Butanone-d5	4.645	46	61702	141.342	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	141.340%#	
24) Chloroform-d	5.067	84	61804	66.413	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	132.820%#	
26) 1,2-Dichloroethane-d4	5.703	65	39993	70.070	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	140.140%#	
32) Benzene-d6	5.729	84	125028	65.828	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	131.660%#	
36) 1,2-Dichloropropane-d6	6.694	67	38857	66.616	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	133.240%#	
41) Toluene-d8	7.899	98	109168	58.994	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	117.980%	
43) trans-1,3-Dichloroprop...	8.182	79	17633	59.670	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	119.340%	
47) 2-Hexanone-d5	8.639	63	38639	113.158	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	113.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62411	62.346	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	124.700%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	51446	66.314	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	132.620%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	7390	11.652	ug/L	91
8) Chloroethane	1.938	64	30609	76.883	ug/L	97
9) Trichlorofluoromethane	2.147	101	1039	1.162	ug/L	96
12) 1,1-Dichloroethene	2.588	96	7868	16.354	ug/L #	30
13) Acetone	2.662	43	3233m	7.958	ug/L	
14) Carbon disulfide	2.800	76	1557	1.024	ug/L #	81
17) trans-1,2-Dichloroethene	3.362	96	2131	4.107	ug/L	91
18) Methyl tert-butyl Ether	3.369	73	1936	1.322	ug/L	92
19) 1,1-Dichloroethane	3.877	63	209051	233.589	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	139286	244.837	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	766318	895.361	ug/L	99
34) Trichloroethene	6.542	95	5713	9.974	ug/L	97
35) Methylcyclohexane	6.768	83	1396	1.602	ug/L #	86
42) Toluene	7.973	91	2852	1.190	ug/L	91
46) Tetrachloroethene	8.555	164	24337	47.281	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	1237	0.967	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	2926	1.506	ug/L	90

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

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