

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047653.D
 Acq On : 24 Mar 2022 23:24
 Operator : SY/MD
 Sample : N2081-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X9

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 05:29:50 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	246279	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	248506	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	96704	54.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.300%			
7) Chloroethane-d5	1.919	69	78808	55.963	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.920%			
11) 1,1-Dichloroethene-d2	2.571	63	158011	48.358	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.720%			
21) 2-Butanone-d5	4.642	46	201659	131.554	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 131.550%#			
24) Chloroform-d	5.067	84	189922	58.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.240%			
26) 1,2-Dichloroethane-d4	5.703	65	118712	59.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.460%			
32) Benzene-d6	5.729	84	387208	61.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.840%			
36) 1,2-Dichloropropane-d6	6.694	67	121369	63.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.400%#			
41) Toluene-d8	7.899	98	363688	59.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.400%			
43) trans-1,3-Dichloroprop...	8.179	79	57797	59.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.820%			
47) 2-Hexanone-d5	8.636	63	141346	125.731	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.730%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	193160	58.609	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.220%			
66) 1,2-Dichlorobenzene-d4	12.192	152	156572	66.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.080%#			
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1060	0.476	ug/L #	1
9) Trichlorofluoromethane	2.144	101	6818	2.171	ug/L	95
12) 1,1-Dichloroethene	2.584	96	40162m	23.773	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	35093	19.259	ug/L	97
19) 1,1-Dichloroethane	3.874	63	626695	199.421	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	4569420	2287.407	ug/L	93
27) 1,2-Dichloroethane	5.800	62	10237	3.916	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	3040034	1078.868	ug/L	100
33) Benzene	5.777	78	16019	2.227	ug/L	100
34) Trichloroethene	6.546	95	23781	12.610	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	3736	1.293	ug/L #	94
42) Toluene	7.970	91	75164	9.523	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	5548	2.861	ug/L	94
46) Tetrachloroethene	8.555	164	36163	21.339	ug/L	94
52) Ethylbenzene	9.571	91	12617	1.520	ug/L	98
53) m,p-Xylene	9.693	106	12881	3.956	ug/L	99
54) o-Xylene	10.102	106	13171	4.121	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	15575	3.986	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	33097	5.576	ug/L	98

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

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