

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047681.D
 Acq On : 25 Mar 2022 18:47
 Operator : SY/MD
 Sample : N2082-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z0

Quant Time: Mar 26 04:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	339190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88591	36.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.040%
7) Chloroethane-d5	1.916	69	72260	37.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.520%
11) 1,1-Dichloroethene-d2	2.568	63	129331	28.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.480%#
21) 2-Butanone-d5	4.642	46	175370	83.066	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.070%
24) Chloroform-d	5.067	84	178593	39.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.360%
26) 1,2-Dichloroethane-d4	5.703	65	112650	40.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.620%
32) Benzene-d6	5.729	84	360131	41.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
36) 1,2-Dichloropropane-d6	6.694	67	115240	42.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.780%
41) Toluene-d8	7.899	98	331791	38.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.860%#
43) trans-1,3-Dichloroprop...	8.179	79	49906	36.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.340%
47) 2-Hexanone-d5	8.636	63	125726	79.942	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	181329	39.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	141294	42.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.760%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	15914	5.189	ug/L	96
12) 1,1-Dichloroethene	2.578	96	2399	1.031	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	3347	1.334	ug/L	97
19) 1,1-Dichloroethane	3.874	63	162220	37.480	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	128582	46.736	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	53498	13.571	ug/L	98
34) Trichloroethene	6.543	95	8585	3.254	ug/L	97
46) Tetrachloroethene	8.552	164	3618	1.526	ug/L	95

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

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