

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053986.D
 Acq On : 29 Apr 2023 14:54
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV022

Quant Time: May 01 02:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	305885	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	281610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	151413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109507	47.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.680%		
7) Chloroethane-d5	1.909	69	69419	45.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.420%		
11) 1,1-Dichloroethene-d2	2.565	63	191330	46.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.260%		
21) 2-Butanone-d5	4.626	46	133619	101.269	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.270%		
24) Chloroform-d	5.057	84	197175	46.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.820%		
26) 1,2-Dichloroethane-d4	5.694	65	125507	46.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
32) Benzene-d6	5.723	84	391220	47.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.684	67	123875	47.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	7.893	98	360973	48.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.460%		
43) trans-1,3-Dichloroprop...	8.173	79	62820	48.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.020%		
47) 2-Hexanone-d5	8.629	63	94936	101.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.290%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	167636	48.634	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.260%		
66) 1,2-Dichlorobenzene-d4	12.189	152	143064	48.367	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	101277	45.890	ug/L	99
3) Chloromethane	1.520	50	93789	46.241	ug/L	99
5) Vinyl chloride	1.604	62	100625	46.644	ug/L	97
6) Bromomethane	1.858	94	54679	45.468	ug/L	100
8) Chloroethane	1.929	64	51389	43.714	ug/L	97
9) Trichlorofluoromethane	2.134	101	152861	44.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95220	46.507	ug/L	99
12) 1,1-Dichloroethene	2.575	96	80401	45.314	ug/L	90
13) Acetone	2.636	43	112629	86.967	ug/L	99
14) Carbon disulfide	2.790	76	189040	48.003	ug/L	100
15) Methyl Acetate	2.948	43	94920	46.801	ug/L	99
16) Methylene chloride	3.041	84	95847	42.831	ug/L	98
17) trans-1,2-Dichloroethene	3.347	96	82891	45.687	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	309950	46.469	ug/L	98
19) 1,1-Dichloroethane	3.864	63	178149	45.732	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	103200	46.287	ug/L	97
22) 2-Butanone	4.703	43	147424	96.419	ug/L	99
23) Bromochloromethane	4.970	128	52017	45.001	ug/L	96
25) Chloroform	5.083	83	183317	44.595	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	142156	44.959	ug/L	100
29) Cyclohexane	5.382	56	140201	48.172	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	159083	45.321	ug/L	100
31) Carbon tetrachloride	5.520	117	137287	45.846	ug/L	98
33) Benzene	5.768	78	378949	46.231	ug/L	100
34) Trichloroethene	6.536	95	99528	45.749	ug/L	98
35) Methylcyclohexane	6.758	83	146843	48.127	ug/L	98
37) 1,2-Dichloropropane	6.784	63	105491	45.490	ug/L	100
38) Bromodichloromethane	7.099	83	135192	46.273	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	171403	47.248	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	268353	99.298	ug/L	100
42) Toluene	7.964	91	403613	47.299	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	159454	46.250	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	103178	45.967	ug/L	97
46) Tetrachloroethene	8.549	164	78483	45.473	ug/L	98
48) 2-Hexanone	8.681	43	217422	101.517	ug/L	99
49) Dibromochloromethane	8.806	129	102359	46.278	ug/L	98
50) 1,2-Dibromoethane	8.919	107	105643	46.369	ug/L	98
51) Chlorobenzene	9.443	112	267083	46.796	ug/L	99
52) Ethylbenzene	9.565	91	455782	47.457	ug/L	99
53) m,p-Xylene	9.690	106	168780	46.801	ug/L	93
54) o-Xylene	10.095	106	168424	47.737	ug/L	100
55) Styrene	10.108	104	294230	48.621	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	169366	47.899	ug/L	99
59) Bromoform	10.285	173	80395	47.427	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	131156	46.634	ug/L	99
61) Isopropylbenzene	10.478	105	460156	48.144	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	377259	48.168	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	379381	49.144	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	218931	46.835	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	227965	47.884	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	222084	47.074	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	35572	49.577	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	165601	48.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	159728	52.014	ug/L	99
71) Naphthalene	14.082	128	523922	58.821	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	166039	54.354	ug/L	99

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

