

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053097.D
 Acq On : 14 Feb 2023 14:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV004

Quant Time: Feb 15 00:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:41:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	246862	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	229720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117068	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	107929	47.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.913	69	94041	48.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.566	63	188561	48.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.960%
21) 2-Butanone-d5	4.627	46	130630	110.218	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.220%
24) Chloroform-d	5.058	84	210819	52.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.694	65	135569	53.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.580%
32) Benzene-d6	5.723	84	419729	51.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
36) 1,2-Dichloropropane-d6	6.685	67	141690	52.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.840%
41) Toluene-d8	7.894	98	383534	50.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
43) trans-1,3-Dichloroprop...	8.173	79	72195	52.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.900%
47) 2-Hexanone-d5	8.630	63	103416	111.825	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	189053	53.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.120%
66) 1,2-Dichlorobenzene-d4	12.189	152	133580	51.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120958	47.885	ug/L	100
3) Chloromethane	1.518	50	119735	48.628	ug/L	100
5) Vinyl chloride	1.605	62	125710	47.636	ug/L	99
6) Bromomethane	1.859	94	82343	49.085	ug/L	100
8) Chloroethane	1.932	64	77702	48.372	ug/L	100
9) Trichlorofluoromethane	2.135	101	163533	47.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	90001	46.914	ug/L	99
12) 1,1-Dichloroethene	2.576	96	85327	47.002	ug/L	88
13) Acetone	2.640	43	73467	97.985	ug/L	100
14) Carbon disulfide	2.791	76	280015	47.591	ug/L	100
15) Methyl Acetate	2.949	43	85381	52.838	ug/L	99
16) Methylene chloride	3.042	84	105960	50.775	ug/L	98
17) trans-1,2-Dichloroethene	3.347	96	90448	49.047	ug/L	99
18) Methyl tert-butyl Ether	3.357	73	331051	53.421	ug/L	99
19) 1,1-Dichloroethane	3.862	63	181717	50.230	ug/L	99
20) cis-1,2-Dichloroethene	4.659	96	107851	50.220	ug/L	100
22) 2-Butanone	4.704	43	120242	105.541	ug/L	99
23) Bromochloromethane	4.968	128	53271	52.843	ug/L	96
25) Chloroform	5.083	83	185517	50.321	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150511	52.601	ug/L	100
29) Cyclohexane	5.383	56	163074	48.039	ug/L	100
30) 1,1,1-Trichloroethane	5.312	97	156207	48.666	ug/L	100
31) Carbon tetrachloride	5.521	117	133211	48.841	ug/L	100
33) Benzene	5.768	78	405817	50.221	ug/L	100
34) Trichloroethene	6.537	95	103175	49.206	ug/L	98
35) Methylcyclohexane	6.759	83	172321	47.449	ug/L	100
37) 1,2-Dichloropropane	6.784	63	114255	51.274	ug/L	99
38) Bromodichloromethane	7.099	83	146271	52.187	ug/L	99
39) cis-1,3-Dichloropropene	7.601	75	192631	52.644	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	247900	104.468	ug/L	100
42) Toluene	7.964	91	427559	49.742	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	177401	52.341	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	106148	52.528	ug/L	98
46) Tetrachloroethene	8.550	164	68143	49.059	ug/L	99
48) 2-Hexanone	8.678	43	191333	102.184	ug/L	100
49) Dibromochloromethane	8.804	129	108950	52.198	ug/L	99
50) 1,2-Dibromoethane	8.919	107	113244	52.758	ug/L	97
51) Chlorobenzene	9.440	112	266567	50.061	ug/L	99
52) Ethylbenzene	9.566	91	468225	48.844	ug/L	98
53) m,p-Xylene	9.688	106	177977	49.374	ug/L	97
54) o-xylene	10.096	106	178960	50.076	ug/L	98
55) Styrene	10.109	104	295326	49.823	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	170898	52.137	ug/L	99
59) Bromoform	10.286	173	76339	52.976	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	126953	51.958	ug/L	99
61) Isopropylbenzene	10.479	105	463842	49.630	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	386647	48.861	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	381113	49.757	ug/L	99
64) 1,3-Dichlorobenzene	11.739	146	192301	50.244	ug/L	100
65) 1,4-Dichlorobenzene	11.829	146	192790	49.651	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	194762	50.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	38234	53.083	ug/L	97
69) 1,3,5-Trichlorobenzene	13.215	180	124439	47.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	118731	48.353	ug/L	98
71) Naphthalene	14.080	128	438417	46.503	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	119007	48.267	ug/L	100

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

