

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050677.D
 Acq On : 08 Sep 2022 10:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050194

Quant Time: Sep 08 22:48:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	270967	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	275621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89083	38.437	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.880%		
7) Chloroethane-d5	1.896	69	68995	44.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.040%		
11) 1,1-Dichloroethene-d2	2.565	63	176872	43.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.380%		
21) 2-Butanone-d5	4.620	46	164654	97.105	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.100%		
24) Chloroform-d	5.060	84	234247	53.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.660%		
26) 1,2-Dichloroethane-d4	5.700	65	145675	54.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.540%		
32) Benzene-d6	5.726	84	439301	48.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.460%		
36) 1,2-Dichloropropane-d6	6.690	67	143561	48.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.020%		
41) Toluene-d8	7.896	98	391292	50.236	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.480%		
43) trans-1,3-Dichloroprop...	8.179	79	64394	52.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.080%		
47) 2-Hexanone-d5	8.632	63	75182	99.948	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.950%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	248068	54.817	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	154368	47.478	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	120654	46.358	ug/L	99
3) Chloromethane	1.520	50	121926	43.356	ug/L	97
5) Vinyl chloride	1.604	62	105599	39.856	ug/L	100
6) Bromomethane	1.832	94	65787	49.234	ug/L	99
8) Chloroethane	1.919	64	58769	41.761	ug/L	97
9) Trichlorofluoromethane	2.131	101	153634	47.593	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	99471	46.974	ug/L	98
12) 1,1-Dichloroethene	2.575	96	93734	45.556	ug/L	96
13) Acetone	2.623	43	160804	125.717	ug/L	100
14) Carbon disulfide	2.787	76	272823	44.715	ug/L	99
15) Methyl Acetate	2.944	43	133884	49.493	ug/L	98
16) Methylene chloride	3.041	84	132651	49.124	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	104335	47.820	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	353333	52.230	ug/L	98
19) 1,1-Dichloroethane	3.867	63	204655	48.618	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	122505	49.763	ug/L	94
22) 2-Butanone	4.697	43	207710	103.825	ug/L	93
23) Bromochloromethane	4.973	128	70038	55.058	ug/L	91
25) Chloroform	5.086	83	230364	53.715	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	176506	55.529	ug/L	99
29) Cyclohexane	5.388	56	145556	39.433	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	185231	49.896	ug/L	98
31) Carbon tetrachloride	5.523	117	153400	50.435	ug/L	98
33) Benzene	5.771	78	491443	48.994	ug/L	100
34) Trichloroethene	6.539	95	109923	47.032	ug/L	97
35) Methylcyclohexane	6.764	83	153856	41.407	ug/L	97
37) 1,2-Dichloropropane	6.790	63	128367	48.449	ug/L	99
38) Bromodichloromethane	7.105	83	173468	55.658	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	184862	51.546	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	344671	95.462	ug/L	96
42) Toluene	7.970	91	514551	50.501	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	180560	53.661	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	136198	53.512	ug/L	99
46) Tetrachloroethene	8.552	164	84697	49.615	ug/L	99
48) 2-Hexanone	8.684	43	329104	97.669	ug/L	98
49) Dibromochloromethane	8.809	129	140087	57.705	ug/L	99
50) 1,2-Dibromoethane	8.922	107	140786	54.391	ug/L	100
51) Chlorobenzene	9.446	112	321214	50.796	ug/L	98
52) Ethylbenzene	9.571	91	497718	49.448	ug/L	97
53) m,p-Xylene	9.693	106	202274	52.453	ug/L	99
54) o-Xylene	10.102	106	202066	52.631	ug/L	99
55) Styrene	10.115	104	353334	55.934	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	247911	54.683	ug/L	100
59) Bromoform	10.288	173	109486	52.834	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	192839	47.320	ug/L	98
61) Isopropylbenzene	10.484	105	474610	43.170	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	414782	44.131	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	412433	45.697	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	239399	49.490	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	234033	48.945	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	255273	49.549	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	51687	48.029	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	164719	46.921	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	125333	42.045	ug/L	99
71) Naphthalene	14.089	128	380278	35.981	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	137797	42.687	ug/L	100

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

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