

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052000.D
 Acq On : 21 Nov 2022 16:30
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV060

Quant Time: Nov 22 00:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:50:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	565676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	531289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	262297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	234290	47.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.912	69	186598	48.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.120%
11) 1,1-Dichloroethene-d2	2.568	63	348558	47.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.940%
21) 2-Butanone-d5	4.616	46	285049	96.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.770%
24) Chloroform-d	5.060	84	371894	46.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.700	65	221787	45.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
32) Benzene-d6	5.726	84	799302	50.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
36) 1,2-Dichloropropane-d6	6.687	67	248474	48.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	7.896	98	732671	51.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	8.176	79	106450	49.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.300%
47) 2-Hexanone-d5	8.629	63	204194	102.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.890%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	376061	46.723	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	258347	47.629	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	149485	49.227	ug/L	99
3) Chloromethane	1.523	50	199090	45.748	ug/L	100
5) Vinyl chloride	1.604	62	210250	47.054	ug/L	99
6) Bromomethane	1.854	94	110989	49.488	ug/L	98
8) Chloroethane	1.935	64	135783	46.343	ug/L	100
9) Trichlorofluoromethane	2.137	101	258910	48.471	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	168152	49.028	ug/L	99
12) 1,1-Dichloroethene	2.581	96	156887	47.898	ug/L	95
13) Acetone	2.623	43	192346	71.479	ug/L	99
14) Carbon disulfide	2.793	76	397756	48.023	ug/L	99
15) Methyl Acetate	2.944	43	207056	48.197	ug/L	100
16) Methylene chloride	3.047	84	218179	43.734	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	166662	47.822	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	544332	48.086	ug/L	99
19) 1,1-Dichloroethane	3.867	63	333585	46.526	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	198696	47.488	ug/L	99
22) 2-Butanone	4.697	43	300190	89.472	ug/L	100
23) Bromochloromethane	4.973	128	102830	45.657	ug/L	95
25) Chloroform	5.086	83	347197	46.930	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	253576	45.688	ug/L	98
29) Cyclohexane	5.388	56	257394	55.246	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	268763	49.329	ug/L	99
31) Carbon tetrachloride	5.523	117	220742	50.043	ug/L	100
33) Benzene	5.774	78	783504	49.780	ug/L	100
34) Trichloroethene	6.539	95	180749	49.218	ug/L	99
35) Methylcyclohexane	6.761	83	279707	55.573	ug/L	100
37) 1,2-Dichloropropane	6.790	63	214697	48.828	ug/L	100
38) Bromodichloromethane	7.105	83	262053	48.271	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	296092	49.798	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	572752	102.414	ug/L	100
42) Toluene	7.967	91	833629	51.256	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	277208	49.844	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	209080	48.235	ug/L	99
46) Tetrachloroethene	8.552	164	137564	49.653	ug/L	99
48) 2-Hexanone	8.681	43	462514	99.939	ug/L	98
49) Dibromochloromethane	8.806	129	214732	48.746	ug/L	100
50) 1,2-Dibromoethane	8.922	107	213442	49.028	ug/L	99
51) Chlorobenzene	9.446	112	521823	48.764	ug/L	99
52) Ethylbenzene	9.568	91	850792	51.376	ug/L	98
53) m,p-Xylene	9.693	106	333771	52.166	ug/L	99
54) o-Xylene	10.099	106	339189	52.394	ug/L	98
55) Styrene	10.111	104	575692	52.490	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	372836	47.268	ug/L	100
59) Bromoform	10.288	173	160011	47.103	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	283816	46.599	ug/L	100
61) Isopropylbenzene	10.481	105	858772	53.657	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	694215	54.290	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	680773	54.632	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	390959	50.391	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	390703	49.422	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	409196	50.337	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	72558	48.354	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	265934	51.342	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	225842	54.279	ug/L	100
71) Naphthalene	14.082	128	918636	67.817	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	261131	57.930	ug/L	100

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

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