

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048457.D
 Acq On : 06 May 2022 15:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

Quant Time: May 06 23:39:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	405138	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	401507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	212688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	167685	48.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.120%
7) Chloroethane-d5	1.893	69	113434	49.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.620%
11) 1,1-Dichloroethene-d2	2.565	63	297489	47.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.820%
21) 2-Butanone-d5	4.623	46	295192	99.342	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.340%
24) Chloroform-d	5.063	84	295418	48.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
26) 1,2-Dichloroethane-d4	5.700	65	190390	48.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.726	84	586246	48.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	6.690	67	191420	48.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.220%
41) Toluene-d8	7.896	98	522889	48.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	8.179	79	90347	49.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.680%
47) 2-Hexanone-d5	8.635	63	208828	108.441	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309365	51.046	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	205049	48.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	177011	48.299	ug/L	99
3) Chloromethane	1.523	50	204009	48.667	ug/L	100
5) Vinyl chloride	1.604	62	193613	48.617	ug/L	99
6) Bromomethane	1.832	94	90186	45.794	ug/L	100
8) Chloroethane	1.915	64	101582	47.445	ug/L	98
9) Trichlorofluoromethane	2.128	101	248105	47.418	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	144502	48.126	ug/L	99
12) 1,1-Dichloroethene	2.578	96	138306	48.719	ug/L	93
13) Acetone	2.626	43	208817	93.212	ug/L	98
14) Carbon disulfide	2.790	76	415851	47.260	ug/L	100
15) Methyl Acetate	2.944	43	220599	48.067	ug/L	97
16) Methylene chloride	3.044	84	175668	50.602	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	145997	48.205	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	501831	49.201	ug/L	100
19) 1,1-Dichloroethane	3.867	63	299102	47.894	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	166770	48.795	ug/L	96
22) 2-Butanone	4.700	43	328149	97.990	ug/L	98
23) Bromochloromethane	4.976	128	85119	47.258	ug/L	98
25) Chloroform	5.089	83	293919	47.661	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	242166	47.762	ug/L	99
29) Cyclohexane	5.388	56	270552	48.832	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	259667	46.569	ug/L	99
31) Carbon tetrachloride	5.523	117	225044	47.134	ug/L	100
33) Benzene	5.774	78	659555	47.710	ug/L	100
34) Trichloroethene	6.542	95	161681	47.579	ug/L	96
35) Methylcyclohexane	6.761	83	263211	48.547	ug/L	100
37) 1,2-Dichloropropane	6.790	63	181383	47.010	ug/L	99
38) Bromodichloromethane	7.105	83	223283	47.526	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	271077	49.394	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	630420	101.974	ug/L	99
42) Toluene	7.970	91	685485	48.044	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	258744	48.515	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	169810	48.666	ug/L	97
46) Tetrachloroethene	8.552	164	121391	47.552	ug/L	96
48) 2-Hexanone	8.687	43	527309	102.633	ug/L	98
49) Dibromochloromethane	8.809	129	182911	48.812	ug/L	98
50) 1,2-Dibromoethane	8.925	107	179351	48.625	ug/L	100
51) Chlorobenzene	9.446	112	438562	48.783	ug/L	98
52) Ethylbenzene	9.571	91	732878	49.309	ug/L	100
53) m,p-Xylene	9.693	106	295995	51.594	ug/L	99
54) o-Xylene	10.102	106	293131	50.786	ug/L	97
55) Styrene	10.115	104	496390	52.895	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	333118	50.937	ug/L	99
59) Bromoform	10.291	173	144863	48.025	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	272411	49.066	ug/L	100
61) Isopropylbenzene	10.484	105	730713	49.029	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	411513	50.089	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	639195	52.242	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	347442	49.430	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	337903	47.948	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	354030	49.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	77586	47.680	ug/L	98
69) 1,3,5-Trichlorobenzene	13.220	180	238699	48.029	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	196024	45.418	ug/L	99
71) Naphthalene	14.085	128	699821	42.105	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	200717	43.726	ug/L	99

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

