

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042976.D
 Acq On : 07 Apr 2021 11:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV302

Quant Time: Apr 08 08:55:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 08:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	205703	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	198120	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	106686	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60583	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.40%
7) Chloroethane-d5	1.916	69	51012	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.82%
11) 1,1-Dichloroethene-d2	2.578	63	139185	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
21) 2-Butanone-d5	4.633	46	174385	105.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.37%
24) Chloroform-d	5.073	84	142444	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
26) 1,2-Dichloroethane-d4	5.710	65	100536	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
32) Benzene-d6	5.739	84	247267	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.700	67	84171	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.28%
41) Toluene-d8	7.906	98	242935	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%
43) trans-1,3-Dichloroprop...	8.185	79	45736	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.64%
47) 2-Hexanone-d5	8.642	63	111121	103.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.03%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	139985	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
66) 1,2-Dichlorobenzene-d4	12.201	152	105588	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	90383	55.57	ug/L	100
3) Chloromethane	1.523	50	82778	49.79	ug/L	97
5) Vinyl chloride	1.610	62	81762	52.78	ug/L	100
6) Bromomethane	1.861	94	56911	58.21	ug/L	100
8) Chloroethane	1.938	64	49871	49.26	ug/L	95
9) Trichlorofluoromethane	2.144	101	130790	51.01	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	72836	53.48	ug/L	98
12) 1,1-Dichloroethene	2.588	96	65619	52.96	ug/L	91
13) Acetone	2.639	43	172074	129.70	ug/L	98
14) Carbon disulfide	2.803	76	211234	53.18	ug/L	100
15) Methyl Acetate	2.954	43	126173	54.15	ug/L	99
16) Methylene chloride	3.057	84	74955	50.81	ug/L	96
17) trans-1,2-Dichloroethene	3.362	96	69629	51.54	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	243202	51.90	ug/L	98
19) 1,1-Dichloroethane	3.880	63	144301	52.28	ug/L	99
20) cis-1,2-Dichloroethene	4.678	96	78264	51.69	ug/L	95
22) 2-Butanone	4.713	43	224900	118.07	ug/L	100
23) Bromochloromethane	4.986	128	40362	50.01	ug/L	93
25) Chloroform	5.099	83	145786	50.91	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	130474	50.00	ug/L	99
29) Cyclohexane	5.401	56	132684	53.14	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	132411	51.86	ug/L	99
31) Carbon tetrachloride	5.536	117	114088	52.30	ug/L	99
33) Benzene	5.784	78	297692	52.34	ug/L	100
34) Trichloroethene	6.549	95	79211	51.21	ug/L	99
35) Methylcyclohexane	6.771	83	124681	53.22	ug/L	97
37) 1,2-Dichloropropane	6.800	63	82946	52.02	ug/L	100
38) Bromodichloromethane	7.115	83	111015	51.75	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	129733	53.24	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	366331	106.41	ug/L	100
42) Toluene	7.976	91	332651	52.29	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	130561	52.59	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	75968	51.11	ug/L	99
46) Tetrachloroethene	8.562	164	65026	52.60	ug/L	98
48) 2-Hexanone	8.693	43	320096	110.59	ug/L	99
49) Dibromochloromethane	8.819	129	88948	50.40	ug/L	99
50) 1,2-Dibromoethane	8.931	107	87152	51.42	ug/L #	98
51) Chlorobenzene	9.455	112	202457	50.49	ug/L	99
52) Ethylbenzene	9.578	91	373573	52.28	ug/L	97
53) m,p-Xylene	9.700	106	139859	52.91	ug/L	99
54) o-xylene	10.108	106	138487	52.27	ug/L	95
55) Styrene	10.121	104	232510	51.02	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	146562	50.38	ug/L	99
59) Bromoform	10.301	173	75639	50.34	ug/L	97
60) 1,2,3-Trichloropropane	10.832	75	124562	50.68	ug/L	99
61) Isopropylbenzene	10.491	105	377390	53.67	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	324644	53.96	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	329219	54.05	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	174394	51.21	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	177445	52.47	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	174457	51.03	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	42909	54.33	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	138508	54.40	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	120865	60.56	ug/L	99
71) Naphthalene	14.095	128	403709	68.14	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	122152	62.90	ug/L	99

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

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