

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038676.D
 Acq On : 08 Jun 2020 18:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

Quant Time: Jun 09 06:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:05:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	614790	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	592251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	298421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172369	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.36%
7) Chloroethane-d5	1.93	69	132043	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.10%
11) 1,1-Dichloroethene-d2	2.59	63	363299	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
21) 2-Butanone-d5	4.67	46	343597	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	5.10	84	365456	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.74	65	235066	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.76	84	715344	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.72	67	223084	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.92	98	643663	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.20	79	114124	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.12%
47) 2-Hexanone-d5	8.65	63	248079	106.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	328574	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	255067	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	223850	45.980	ug/L 100
3) Chloromethane	1.53	50	223207	47.527	ug/L 100
5) Vinyl chloride	1.62	62	232274	47.223	ug/L 99
6) Bromomethane	1.87	94	129515	50.559	ug/L 98
8) Chloroethane	1.95	64	139655	48.536	ug/L 96
9) Trichlorofluoromethane	2.16	101	311654	46.009	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	178923	45.317	ug/L 99
12) 1,1-Dichloroethene	2.61	96	187759	48.250	ug/L 99
13) Acetone	2.66	43	257992	95.808	ug/L 97
14) Carbon disulfide	2.82	76	605192	48.027	ug/L 99
15) Methyl Acetate	2.98	43	279381	49.648	ug/L 99
16) Methylene chloride	3.08	84	221629	47.970	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	203836	47.868	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	680818	49.448	ug/L 100
19) 1,1-Dichloroethane	3.91	63	386506	47.901	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	225700	47.948	ug/L 100
22) 2-Butanone	4.74	43	418768	101.406	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	114917	49.288	ug/L	98
25) Chloroform	5.13	83	387036	47.928	ug/L	98
27) 1,2-Dichloroethane	5.83	62	327172	48.975	ug/L	100
29) Cyclohexane	5.42	56	313334	46.243	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	335080	48.151	ug/L	100
31) Carbon tetrachloride	5.56	117	272610	47.321	ug/L	100
33) Benzene	5.81	78	862885	49.063	ug/L	100
34) Trichloroethene	6.57	95	214109	47.867	ug/L	96
35) Methylcyclohexane	6.79	83	311903	46.236	ug/L	98
37) 1,2-Dichloropropane	6.82	63	224190	48.918	ug/L	99
38) Bromodichloromethane	7.13	83	294002	50.042	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	357504	50.581	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	732737	102.270	ug/L	99
42) Toluene	7.99	91	900655	48.977	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	340375	50.277	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	218289	49.486	ug/L	99
46) Tetrachloroethene	8.57	164	152778	47.344	ug/L	98
48) 2-Hexanone	8.71	43	614343	103.727	ug/L	99
49) Dibromochloromethane	8.83	129	227888	50.304	ug/L	98
50) 1,2-Dibromoethane	8.94	107	238316	50.265	ug/L	98
51) Chlorobenzene	9.46	112	570181	48.263	ug/L	99
52) Ethylbenzene	9.59	91	984685	48.518	ug/L	99
53) m,p-Xylene	9.71	106	380105	48.790	ug/L	99
54) o-xylene	10.12	106	373295	49.358	ug/L	100
55) Styrene	10.13	104	650671	49.628	ug/L	100
56) Isopropylbenzene	10.50	105	944012	47.825	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	372791	49.658	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	320348	49.852	ug/L	99
61) Bromoform	10.31	173	165695	50.623	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	445311	48.349	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	452899	48.561	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	445528	48.601	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	97557	51.353	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	322575	48.754	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	314254	50.382	ug/L	99
69) Naphthalene	14.11	128	1194730	54.181	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	323688	51.725	ug/L	100

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

