

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036883.D
 Acq On : 24 Feb 2020 14:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV31

Quant Time: Feb 25 03:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	272421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119428	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.62%
7) Chloroethane-d5	1.93	69	100695	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.59	63	204356	50.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.78%
21) 2-Butanone-d5	4.67	46	175342	107.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.93%
24) Chloroform-d	5.11	84	187494	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	126484	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
32) Benzene-d6	5.76	84	401148	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.72	67	129976	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.93	98	372039	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.20	79	61118	51.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.06%
47) 2-Hexanone-d5	8.66	63	137724	110.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	184687	51.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	119215	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	122982	50.273	ug/L 100
3) Chloromethane	1.54	50	139248	49.477	ug/L 100
5) Vinyl chloride	1.62	62	144679	49.839	ug/L 99
6) Bromomethane	1.87	94	81250	54.551	ug/L 99
8) Chloroethane	1.95	64	87845	50.481	ug/L 99
9) Trichlorofluoromethane	2.16	101	153740	49.935	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	92299	50.115	ug/L 100
12) 1,1-Dichloroethene	2.60	96	93833	50.372	ug/L 94
13) Acetone	2.66	43	167630	100.314	ug/L 99
14) Carbon disulfide	2.82	76	297171	50.421	ug/L 100
15) Methyl Acetate	2.98	43	131190	51.506	ug/L 99
16) Methylene chloride	3.08	84	113899	50.130	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	99186	49.566	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	332739	51.153	ug/L 99
19) 1,1-Dichloroethane	3.91	63	195896	50.380	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	113461	50.708	ug/L 100
22) 2-Butanone	4.75	43	216701	107.539	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	51056	50.385	ug/L	98
25) Chloroform	5.13	83	186242	49.641	ug/L	100
27) 1,2-Dichloroethane	5.83	62	156089	51.103	ug/L	100
29) Cyclohexane	5.43	56	185087	51.199	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	148002	50.672	ug/L	99
31) Carbon tetrachloride	5.56	117	116336	50.817	ug/L	99
33) Benzene	5.81	78	436439	50.712	ug/L	100
34) Trichloroethene	6.57	95	107117	50.640	ug/L	98
35) Methylcyclohexane	6.79	83	188878	51.501	ug/L	99
37) 1,2-Dichloropropane	6.82	63	117193	50.574	ug/L	99
38) Bromodichloromethane	7.14	83	139766	51.098	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	185735	52.033	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	363678	106.509	ug/L	100
42) Toluene	8.00	91	470619	51.328	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	161333	52.102	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	103976	50.458	ug/L	99
46) Tetrachloroethene	8.57	164	71675	51.436	ug/L	98
48) 2-Hexanone	8.71	43	295518	108.456	ug/L	98
49) Dibromochloromethane	8.83	129	100392	51.328	ug/L	98
50) 1,2-Dibromoethane	8.95	107	110729	51.386	ug/L	99
51) Chlorobenzene	9.47	112	276041	50.810	ug/L	99
52) Ethylbenzene	9.59	91	506905	50.998	ug/L	99
53) m,p-Xylene	9.71	106	187377	51.392	ug/L	100
54) o-xylene	10.12	106	185490	51.009	ug/L	99
55) Styrene	10.13	104	308611	51.915	ug/L	98
56) Isopropylbenzene	10.50	105	481452	51.547	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	189020	51.309	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	153080	51.352	ug/L	99
61) Bromoform	10.31	173	69344	51.651	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	198431	51.511	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	196107	51.527	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	195714	50.884	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	41495	54.379	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	134905	55.173	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	106363	58.060	ug/L	98
69) Naphthalene	14.12	128	190363	58.865	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	107347	58.638	ug/L	99

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

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