

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033694.D
 Acq On : 09 Aug 2019 19:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV31

Quant Time: Aug 10 04:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	437859	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	414736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	219773	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	157590	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.78%
7) Chloroethane-d5	1.67	69	121882	37.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.46%
11) 1,1-Dichloroethene-d2	2.26	63	264500	48.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.60%
21) 2-Butanone-d5	4.17	46	214144	107.17	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.17%
24) Chloroform-d	4.62	84	237986	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	145151	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.32	84	491117	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.31	67	149638	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.55	98	463171	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%
43) trans-1,3-Dichloropropene-	7.83	79	76331	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.64%
47) 2-Hexanone-d5	8.30	63	169248	108.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	223340	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.84	152	184790	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	151003	47.274 ug/L	99
3) Chloromethane	1.32	50	155324	46.948 ug/L	100
5) Vinyl chloride	1.39	62	176539	47.895 ug/L	98
6) Bromomethane	1.62	94	112724	37.695 ug/L	99
8) Chloroethane	1.69	64	109772	39.120 ug/L	97
9) Trichlorofluoromethane	1.87	101	257202	51.460 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	123856	47.252 ug/L	99
12) 1,1-Dichloroethene	2.27	96	121342	47.128 ug/L	89
13) Acetone	2.33	43	171775	85.499 ug/L	99
14) Carbon disulfide	2.46	76	346179	47.895 ug/L	100
15) Methyl Acetate	2.61	43	161300	48.186 ug/L	99
16) Methylene chloride	2.68	84	140143	46.909 ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	128935	46.723 ug/L	100
18) Methyl tert-butyl Ether	2.98	73	429541	47.591 ug/L	100
19) 1,1-Dichloroethane	3.42	63	243939	46.842 ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	149040	47.350 ug/L	97
22) 2-Butanone	4.25	43	251149	100.437 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	79743	49.238	ug/L	97
25) Chloroform	4.65	83	252936	46.561	ug/L	99
27) 1,2-Dichloroethane	5.38	62	195408	47.230	ug/L	98
29) Cyclohexane	4.97	56	208432	47.625	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	215635	47.914	ug/L	99
31) Carbon tetrachloride	5.11	117	193022	47.803	ug/L	99
33) Benzene	5.37	78	545149	47.233	ug/L	100
34) Trichloroethene	6.16	95	144436	47.428	ug/L	97
35) Methylcyclohexane	6.39	83	224511	48.431	ug/L	100
37) 1,2-Dichloropropane	6.41	63	145637	47.281	ug/L	100
38) Bromodichloromethane	6.74	83	189861	47.970	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	239468	48.921	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	457925	99.963	ug/L	100
42) Toluene	7.62	91	601424	48.167	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	216719	49.698	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	141477	46.984	ug/L	98
46) Tetrachloroethene	8.21	164	121826	48.528	ug/L	96
48) 2-Hexanone	8.34	43	368008	102.025	ug/L	99
49) Dibromochloromethane	8.46	129	164613	48.789	ug/L	99
50) 1,2-Dibromoethane	8.57	107	160566	48.229	ug/L	98
51) Chlorobenzene	9.10	112	392724	47.848	ug/L	100
52) Ethylbenzene	9.23	91	660739	48.374	ug/L	100
53) m,p-Xylene	9.36	106	253729	48.664	ug/L	99
54) o-xylene	9.76	106	250225	48.555	ug/L	98
55) Styrene	9.77	104	426680	49.340	ug/L	99
56) Isopropylbenzene	10.15	105	654487	48.395	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	254112	48.039	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	199856	47.995	ug/L	99
61) Bromoform	9.94	173	130298	49.389	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	327402	48.936	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	329918	48.684	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	322723	48.793	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	62582	50.083	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	267728	50.286	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	251699	52.255	ug/L	98
69) Naphthalene	13.73	128	775997	53.787	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	259450	52.103	ug/L	97

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

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