

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029978.D
 Acq On : 11 Mar 2019 19:56
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV48

Quant Time: Mar 12 07:04:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 06:36:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	554302	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186557	50.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.76%
7) Chloroethane-d5	1.68	69	152150	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.82%
11) 1,1-Dichloroethene-d2	2.27	63	333235	50.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.70%
21) 2-Butanone-d5	4.17	46	288863	105.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	4.65	84	337194	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.31	65	190973	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
32) Benzene-d6	5.34	84	711968	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
36) 1,2-Dichloropropane-d6	6.33	67	215224	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.56	98	671400	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%
43) trans-1,3-Dichloropropene-	7.85	79	108963	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.00%
47) 2-Hexanone-d5	8.31	63	253140	107.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	331251	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	276332	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	174003	49.681 ug/L	99
3) Chloromethane	1.33	50	191871	49.656 ug/L	99
5) Vinyl chloride	1.40	62	210255	49.639 ug/L	99
6) Bromomethane	1.62	94	137706	52.481 ug/L	97
8) Chloroethane	1.70	64	128656	46.343 ug/L	96
9) Trichlorofluoromethane	1.88	101	283903	49.978 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	181787	49.920 ug/L	98
12) 1,1-Dichloroethene	2.28	96	173251	49.867 ug/L	98
13) Acetone	2.32	43	260085	80.977 ug/L	98
14) Carbon disulfide	2.48	76	554241	51.470 ug/L	99
15) Methyl Acetate	2.61	43	215365	51.900 ug/L	100
16) Methylene chloride	2.70	84	200932	48.979 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	190752	50.417 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	568007	50.619 ug/L	100
19) 1,1-Dichloroethane	3.44	63	322135	49.589 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	214483	49.796 ug/L	100
22) 2-Butanone	4.26	43	343438	93.924 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	110897	49.704	ug/L	99
25) Chloroform	4.67	83	335507	49.209	ug/L	98
27) 1,2-Dichloroethane	5.40	62	239526	48.865	ug/L	99
29) Cyclohexane	4.99	56	296535	50.378	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	288783	49.566	ug/L	99
31) Carbon tetrachloride	5.13	117	259205	50.383	ug/L	100
33) Benzene	5.39	78	768275	50.307	ug/L	100
34) Trichloroethene	6.18	95	204539	51.103	ug/L	99
35) Methylcyclohexane	6.41	83	331574	51.087	ug/L	99
37) 1,2-Dichloropropane	6.43	63	201843	50.247	ug/L	100
38) Bromodichloromethane	6.75	83	254679	50.984	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	320721	51.305	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	563311	103.857	ug/L	99
42) Toluene	7.63	91	846826	51.001	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	293497	51.421	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	202325	50.364	ug/L	99
46) Tetrachloroethene	8.22	164	177194	50.588	ug/L	99
48) 2-Hexanone	8.36	43	462871	100.033	ug/L	98
49) Dibromochloromethane	8.47	129	226912	50.555	ug/L	99
50) 1,2-Dibromoethane	8.58	107	224321	50.659	ug/L	98
51) Chlorobenzene	9.12	112	561826	50.189	ug/L	99
52) Ethylbenzene	9.25	91	933263	51.057	ug/L	100
53) m,p-Xylene	9.37	106	365300	51.655	ug/L	98
54) o-xylene	9.77	106	359630	51.773	ug/L	99
55) Styrene	9.79	104	616932	52.160	ug/L	99
56) Isopropylbenzene	10.16	105	931078	51.200	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	349399	50.674	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	266114	50.867	ug/L	100
61) Bromoform	9.95	173	179982	51.834	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	460306	51.096	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	470418	51.354	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	461691	50.915	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	76812	52.127	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	357390	51.112	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	337014	52.691	ug/L	100
69) Naphthalene	13.74	128	1148092	55.248	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	351338	52.877	ug/L	99

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

