

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025066.D
 Acq On : 29 Jun 2018 12:34
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV45

Quant Time: Jun 29 23:41:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	364742	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	336491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111383	51.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.16%
7) Chloroethane-d5	1.68	69	88462	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.38%
11) 1,1-Dichloroethene-d2	2.27	63	242077	50.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.80%
21) 2-Butanone-d5	4.18	46	194324	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.65	84	240785	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	5.31	65	165889	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
32) Benzene-d6	5.35	84	464280	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.34	67	146041	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.57	98	454507	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%
43) trans-1,3-Dichloropropene-	7.85	79	76415	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.64%
47) 2-Hexanone-d5	8.31	63	142689	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	210822	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	194147	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	174408	52.63	ug/L	99
3) Chloromethane	1.33	50	141635	51.81	ug/L	99
5) Vinyl chloride	1.40	62	149147	52.72	ug/L	99
6) Bromomethane	1.62	94	87769	57.79	ug/L	98
8) Chloroethane	1.70	64	88752	52.05	ug/L	98
9) Trichlorofluoromethane	1.89	101	212068	51.34	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	128594	52.44	ug/L	98
12) 1,1-Dichloroethene	2.28	96	116599	52.12	ug/L	95
13) Acetone	2.32	43	205034	109.46	ug/L	99
14) Carbon disulfide	2.48	76	361304	53.48	ug/L	99
15) Methyl Acetate	2.62	43	148167	51.70	ug/L	99
16) Methylene chloride	2.70	84	136793	52.11	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	126728	52.32	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	438844	52.07	ug/L	99
19) 1,1-Dichloroethane	3.45	63	239999	52.05	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	144352	51.60	ug/L	99
22) 2-Butanone	4.26	43	242752	109.54	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	75635	52.59	ug/L	97
25) Chloroform	4.68	83	255052	51.81	ug/L	99
27) 1,2-Dichloroethane	5.41	62	209159	50.70	ug/L	99
29) Cyclohexane	5.00	56	223967	51.49	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	231935	51.61	ug/L	99
31) Carbon tetrachloride	5.14	117	205453	52.30	ug/L	99
33) Benzene	5.39	78	524919	51.44	ug/L	100
34) Trichloroethene	6.19	95	141197	52.01	ug/L	99
35) Methylcyclohexane	6.42	83	232316	51.28	ug/L	100
37) 1,2-Dichloropropane	6.44	63	140676	51.62	ug/L	99
38) Bromodichloromethane	6.76	83	188720	52.10	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	216663	50.20	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	413130	105.22	ug/L	100
42) Toluene	7.64	91	572683	51.64	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	208545	51.94	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	134525	51.73	ug/L	98
46) Tetrachloroethene	8.23	164	117934	51.32	ug/L	98
48) 2-Hexanone	8.36	43	341246	109.25	ug/L	99
49) Dibromochloromethane	8.48	129	162089	53.12	ug/L	95
50) 1,2-Dibromoethane	8.59	107	148978	51.79	ug/L	96
51) Chlorobenzene	9.12	112	376990	51.00	ug/L	100
52) Ethylbenzene	9.25	91	651284	52.21	ug/L	100
53) m,p-Xylene	9.38	106	253294	52.47	ug/L	97
54) o-xylene	9.78	106	255765	52.82	ug/L	98
55) Styrene	9.80	104	422908	53.29	ug/L	99
56) Isopropylbenzene	10.17	105	664806	52.27	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	226824	52.27	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	186247	52.71	ug/L	99
61) Bromoform	9.96	173	121890	52.86	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	306554	52.10	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	307050	51.87	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	326034	52.49	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	57121	55.58	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	237616	54.39	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	204451	55.98	ug/L	99
69) Naphthalene	13.74	128	742012	61.10	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	219016	55.83	ug/L	100

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

