

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026246.D
 Acq On : 22 Aug 2018 14:31
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV46

Quant Time: Aug 23 07:27:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:27:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304283	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161265	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92981	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.20%
7) Chloroethane-d5	1.68	69	75892	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.30%
11) 1,1-Dichloroethene-d2	2.27	63	183706	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.72%
21) 2-Butanone-d5	4.18	46	153399	103.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.65	84	216575	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
26) 1,2-Dichloroethane-d4	5.31	65	138060	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
32) Benzene-d6	5.34	84	409772	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
36) 1,2-Dichloropropane-d6	6.33	67	129836	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.24%
41) Toluene-d8	7.57	98	399850	53.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	7.85	79	68214	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.98%
47) 2-Hexanone-d5	8.31	63	112350	104.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	190681	51.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	168490	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	130110	54.46	ug/L	98
3) Chloromethane	1.33	50	118615	53.85	ug/L	99
5) Vinyl chloride	1.40	62	114807	51.73	ug/L	98
6) Bromomethane	1.63	94	73428	53.21	ug/L	98
8) Chloroethane	1.70	64	67387	52.95	ug/L	97
9) Trichlorofluoromethane	1.89	101	166432	52.94	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	95722	54.88	ug/L	98
12) 1,1-Dichloroethene	2.28	96	85490	53.38	ug/L	93
13) Acetone	2.32	43	111766	97.49	ug/L	99
14) Carbon disulfide	2.48	76	317120	51.61	ug/L	98
15) Methyl Acetate	2.62	43	117475	53.25	ug/L	99
16) Methylene chloride	2.70	84	112085	52.01	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	105548	53.47	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	325023	54.96	ug/L	99
19) 1,1-Dichloroethane	3.45	63	194453	54.09	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	117857	54.09	ug/L	99
22) 2-Butanone	4.26	43	163608	106.67	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	61692	52.94	ug/L	96
25) Chloroform	4.67	83	208296	54.28	ug/L	98
27) 1,2-Dichloroethane	5.41	62	164546	53.83	ug/L	100
29) Cyclohexane	5.00	56	169200	56.34	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	185464	54.51	ug/L	100
31) Carbon tetrachloride	5.14	117	170569	53.32	ug/L	99
33) Benzene	5.39	78	438051	54.87	ug/L	100
34) Trichloroethene	6.19	95	113968	53.99	ug/L	99
35) Methylcyclohexane	6.42	83	184678	57.21	ug/L	100
37) 1,2-Dichloropropane	6.44	63	118213	54.18	ug/L	99
38) Bromodichloromethane	6.76	83	157450	53.97	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	177526	53.57	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	297832	107.71	ug/L	100
42) Toluene	7.64	91	471009	55.45	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	177562	55.68	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	111344	54.02	ug/L	99
46) Tetrachloroethene	8.23	164	100436	55.29	ug/L	98
48) 2-Hexanone	8.36	43	234198	105.24	ug/L	98
49) Dibromochloromethane	8.48	129	137919	54.45	ug/L	98
50) 1,2-Dibromoethane	8.59	107	122383	53.80	ug/L	99
51) Chlorobenzene	9.12	112	310628	53.47	ug/L	99
52) Ethylbenzene	9.25	91	521277	56.34	ug/L	99
53) m,p-Xylene	9.38	106	204184	57.10	ug/L	96
54) o-xylene	9.78	106	194755	55.83	ug/L	99
55) Styrene	9.79	104	340376	57.17	ug/L	99
56) Isopropylbenzene	10.17	105	517991	57.24	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	183435	52.59	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	143201	52.65	ug/L	97
61) Bromoform	9.96	173	104494	52.31	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	253750	53.38	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	267915	53.34	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	262475	52.50	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	42155	50.47	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	204158	54.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	178235	54.72	ug/L	99
69) Naphthalene	13.74	128	545991	56.26	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	189274	54.54	ug/L	100

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

