

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025938.D
 Acq On : 07 Aug 2018 13:02
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV45

Quant Time: Aug 08 04:21:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	384120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	199329	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110256	51.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.60%
7) Chloroethane-d5	1.68	69	82181	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.96%
11) 1,1-Dichloroethene-d2	2.27	63	208961	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.38%
21) 2-Butanone-d5	4.18	46	151561	103.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.65	84	211279	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.31	65	135540	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.35	84	413256	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.33	67	128088	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.42%
41) Toluene-d8	7.57	98	405046	52.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.85	79	67468	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.31	63	108950	105.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.70%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175695	51.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	172314	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	152241	52.10	ug/L	100
3) Chloromethane	1.33	50	130948	53.27	ug/L	99
5) Vinyl chloride	1.40	62	137771	51.96	ug/L	98
6) Bromomethane	1.63	94	71331	60.75	ug/L	95
8) Chloroethane	1.70	64	79494	51.78	ug/L	96
9) Trichlorofluoromethane	1.89	101	195786	51.26	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	109658	51.94	ug/L	99
12) 1,1-Dichloroethene	2.28	96	100493	51.83	ug/L	98
13) Acetone	2.32	43	153111	88.31	ug/L	100
14) Carbon disulfide	2.48	76	360959	52.25	ug/L	99
15) Methyl Acetate	2.62	43	131471	49.66	ug/L	99
16) Methylene chloride	2.70	84	127507	50.46	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	125158	52.35	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	390045	51.31	ug/L	100
19) 1,1-Dichloroethane	3.45	63	222159	51.23	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	140237	52.50	ug/L	99
22) 2-Butanone	4.26	43	202818	93.57	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	73365	52.31	ug/L	93
25) Chloroform	4.68	83	236208	51.42	ug/L	99
27) 1,2-Dichloroethane	5.41	62	187578	51.21	ug/L	98
29) Cyclohexane	5.00	56	202513	53.17	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	210544	51.18	ug/L	99
31) Carbon tetrachloride	5.14	117	193748	52.67	ug/L	99
33) Benzene	5.39	78	490143	51.88	ug/L	100
34) Trichloroethene	6.19	95	135142	51.40	ug/L	99
35) Methylcyclohexane	6.42	83	212506	53.40	ug/L	99
37) 1,2-Dichloropropane	6.44	63	133204	52.78	ug/L	100
38) Bromodichloromethane	6.76	83	179265	52.25	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	217301	52.86	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	350654	101.89	ug/L	99
42) Toluene	7.64	91	541450	52.52	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	205014	52.76	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	125472	52.04	ug/L	99
46) Tetrachloroethene	8.23	164	118755	52.56	ug/L	99
48) 2-Hexanone	8.36	43	280804	101.14	ug/L	99
49) Dibromochloromethane	8.48	129	155193	52.41	ug/L	100
50) 1,2-Dibromoethane	8.59	107	140612	51.99	ug/L	98
51) Chlorobenzene	9.12	112	365798	51.82	ug/L	99
52) Ethylbenzene	9.25	91	610621	52.06	ug/L	100
53) m,p-Xylene	9.38	106	242422	52.69	ug/L	97
54) o-xylene	9.78	106	233124	53.21	ug/L	98
55) Styrene	9.80	104	397428	53.83	ug/L	100
56) Isopropylbenzene	10.17	105	614396	52.76	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	205140	50.61	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	163974	51.05	ug/L	100
61) Bromoform	9.96	173	119429	52.47	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	308029	51.65	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	314064	51.69	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	309608	51.78	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	46039	50.66	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	240676	54.77	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	214889	56.34	ug/L	98
69) Naphthalene	13.75	128	649727	57.97	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	217727	55.72	ug/L	100

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

