

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033588.D
 Acq On : 03 Aug 2019 13:13
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

Quant Time: Aug 05 06:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 06:49:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323372	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	316160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106035	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.36%
7) Chloroethane-d5	1.67	69	114218	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.26	63	199997	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.78%
21) 2-Butanone-d5	4.16	46	178049	100.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.15%
24) Chloroform-d	4.62	84	199118	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.29	65	124301	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
32) Benzene-d6	5.32	84	397994	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	125395	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.55	98	374793	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	7.83	79	63005	48.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.40%
47) 2-Hexanone-d5	8.30	63	130956	102.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193360	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	151683	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	139202	44.951	ug/L 100
3) Chloromethane	1.32	50	146344	45.765	ug/L 99
5) Vinyl chloride	1.39	62	153556	45.409	ug/L 98
6) Bromomethane	1.62	94	102551	42.576	ug/L 98
8) Chloroethane	1.69	64	117266	46.294	ug/L 98
9) Trichlorofluoromethane	1.87	101	204029	44.692	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	104096	45.150	ug/L 99
12) 1,1-Dichloroethene	2.27	96	98248	44.778	ug/L 98
13) Acetone	2.32	43	160304	91.320	ug/L 100
14) Carbon disulfide	2.46	76	286850	44.104	ug/L 99
15) Methyl Acetate	2.60	43	133698	46.681	ug/L 98
16) Methylene chloride	2.68	84	115991	45.339	ug/L 98
17) trans-1,2-Dichloroethene	2.96	96	103920	45.324	ug/L 97
18) Methyl tert-butyl Ether	2.98	73	338254	46.783	ug/L 99
19) 1,1-Dichloroethane	3.42	63	204413	46.175	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	117079	44.818	ug/L 94
22) 2-Butanone	4.24	43	210184	98.980	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	61958	46.495	ug/L	97
25) Chloroform	4.65	83	211179	45.293	ug/L	98
27) 1,2-Dichloroethane	5.38	62	163016	45.451	ug/L	100
29) Cyclohexane	4.97	56	168713	47.010	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	178843	46.428	ug/L	98
31) Carbon tetrachloride	5.11	117	155644	46.391	ug/L	100
33) Benzene	5.37	78	450062	47.063	ug/L	100
34) Trichloroethene	6.16	95	113225	45.029	ug/L	99
35) Methylcyclohexane	6.40	83	179947	47.254	ug/L	99
37) 1,2-Dichloropropane	6.41	63	123649	46.908	ug/L	100
38) Bromodichloromethane	6.74	83	156586	45.907	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	185010	46.119	ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	367981	96.775	ug/L	100
42) Toluene	7.62	91	491106	47.538	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	172524	47.119	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	116349	46.272	ug/L	99
46) Tetrachloroethene	8.21	164	93924	46.432	ug/L	98
48) 2-Hexanone	8.34	43	301604	98.367	ug/L	99
49) Dibromochloromethane	8.46	129	130540	45.941	ug/L	97
50) 1,2-Dibromoethane	8.57	107	126703	46.554	ug/L	100
51) Chlorobenzene	9.10	112	313359	46.271	ug/L	99
52) Ethylbenzene	9.23	91	527447	47.889	ug/L	99
53) m,p-Xylene	9.36	106	202172	48.205	ug/L	99
54) o-xylene	9.76	106	198976	48.182	ug/L	100
55) Styrene	9.77	104	346156	49.309	ug/L	99
56) Isopropylbenzene	10.15	105	516717	48.260	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	210262	46.624	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	163255	45.813	ug/L	98
61) Bromoform	9.94	173	100688	45.048	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	257433	45.899	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	262741	45.605	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	258287	45.932	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	49583	45.695	ug/L	91
67) 1,3,5-Trichlorobenzene	12.87	180	198465	45.934	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	174114	47.989	ug/L	99
69) Naphthalene	13.73	128	527779	50.130	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	182982	47.123	ug/L	100

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

