

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110119\
 Data File : VU035582.D
 Acq On : 31 Oct 2019 08:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: Oct 31 16:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 11:40:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	699423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	683820	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	306914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	266138	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.93	69	218198	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.60	63	421722	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
21) 2-Butanone-d5	4.69	46	327336	99.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	5.11	84	431297	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	5.75	65	263588	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.77	84	892419	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
36) 1,2-Dichloropropane-d6	6.73	67	290180	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.93	98	854323	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	8.21	79	135662	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
47) 2-Hexanone-d5	8.67	63	223572	100.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	401154	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	287747	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	276715	50.731	ug/L 99
3) Chloromethane	1.54	50	301591	50.733	ug/L 99
5) Vinyl chloride	1.62	62	313762	49.054	ug/L 100
6) Bromomethane	1.87	94	175627	54.209	ug/L 96
8) Chloroethane	1.95	64	185414	49.840	ug/L 100
9) Trichlorofluoromethane	2.16	101	387448	51.136	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	228494	52.530	ug/L 99
12) 1,1-Dichloroethene	2.61	96	211512	49.505	ug/L 93
13) Acetone	2.66	43	393947	135.694	ug/L 100
14) Carbon disulfide	2.82	76	635749	48.298	ug/L 100
15) Methyl Acetate	2.99	43	266756	50.729	ug/L 100
16) Methylene chloride	3.08	84	257176	49.332	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	222277	49.403	ug/L 98
18) Methyl tert-butyl Ether	3.42	73	688050	50.581	ug/L 99
19) 1,1-Dichloroethane	3.92	63	435907	50.224	ug/L 99
20) cis-1,2-Dichloroethene	4.72	96	254232	50.097	ug/L 96
22) 2-Butanone	4.77	43	449828	117.375	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	135832	50.652	ug/L	99
25) Chloroform	5.14	83	441583	50.097	ug/L	100
27) 1,2-Dichloroethane	5.84	62	324763	50.430	ug/L	100
29) Cyclohexane	5.43	56	359308	51.515	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	366876	51.045	ug/L	99
31) Carbon tetrachloride	5.57	117	326217	51.045	ug/L	99
33) Benzene	5.82	78	989622	51.494	ug/L	100
34) Trichloroethene	6.58	95	244429	50.028	ug/L	98
35) Methylcyclohexane	6.80	83	359837	50.711	ug/L	99
37) 1,2-Dichloropropane	6.83	63	265579	51.604	ug/L	100
38) Bromodichloromethane	7.14	83	333257	50.944	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	384712	50.291	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	684675	99.442	ug/L	99
42) Toluene	8.01	91	1066887	52.967	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	361294	51.525	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	254126	51.516	ug/L	99
46) Tetrachloroethene	8.58	164	211104	51.674	ug/L	98
48) 2-Hexanone	8.73	43	573971	102.513	ug/L	94
49) Dibromochloromethane	8.84	129	285422	51.308	ug/L	98
50) 1,2-Dibromoethane	8.96	107	266394	50.616	ug/L	98
51) Chlorobenzene	9.48	112	683327	50.817	ug/L	99
52) Ethylbenzene	9.60	91	1122390	52.123	ug/L	99
53) m,p-Xylene	9.72	106	435733	53.926	ug/L	96
54) o-xylene	10.13	106	421849	53.416	ug/L	98
55) Styrene	10.14	104	705781	53.850	ug/L	100
56) Isopropylbenzene	10.51	105	1060314	53.428	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	426884	50.240	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	336322	50.119	ug/L	100
61) Bromoform	10.32	173	224103	47.862	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	484787	50.070	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	477196	48.516	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	482008	48.900	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	73657	48.196	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	265482	47.462	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	148834	39.721	ug/L	98
69) Naphthalene	14.11	128	341225	35.504	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	158379	39.230	ug/L	99

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

