

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030015.D
 Acq On : 13 Mar 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Mar 14 01:35:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 08:53:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	512336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	260394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177607	52.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.82%
7) Chloroethane-d5	1.68	69	143604	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.98%
11) 1,1-Dichloroethene-d2	2.27	63	316214	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.40%
21) 2-Butanone-d5	4.17	46	256871	101.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.17%
24) Chloroform-d	4.64	84	319276	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	5.31	65	183335	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
32) Benzene-d6	5.34	84	674633	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
36) 1,2-Dichloropropane-d6	6.32	67	204447	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.40%
41) Toluene-d8	7.56	98	636958	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%
43) trans-1,3-Dichloropropene-	7.85	79	99764	52.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.16%
47) 2-Hexanone-d5	8.31	63	225802	103.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310940	51.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	259587	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	164041	50.673 ug/L	100
3) Chloromethane	1.33	50	184158	51.564 ug/L	99
5) Vinyl chloride	1.40	62	196493	50.189 ug/L	99
6) Bromomethane	1.62	94	108479	44.729 ug/L	95
8) Chloroethane	1.70	64	120758	47.061 ug/L	96
9) Trichlorofluoromethane	1.88	101	268452	51.129 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	172987	51.394 ug/L	99
12) 1,1-Dichloroethene	2.28	96	160479	49.975 ug/L	97
13) Acetone	2.32	43	315618	106.316 ug/L	100
14) Carbon disulfide	2.48	76	504517	50.691 ug/L	100
15) Methyl Acetate	2.61	43	187704	48.939 ug/L	100
16) Methylene chloride	2.70	84	186405	49.160 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	173601	49.642 ug/L	97
18) Methyl tert-butyl Ether	3.00	73	518658	50.007 ug/L	100
19) 1,1-Dichloroethane	3.44	63	302847	50.439 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	197843	49.696 ug/L	100
22) 2-Butanone	4.26	43	352486	104.295 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	102749	49.824	ug/L	96
25) Chloroform	4.67	83	320968	50.932	ug/L	98
27) 1,2-Dichloroethane	5.40	62	226232	49.933	ug/L	98
29) Cyclohexane	4.99	56	278452	50.780	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	275095	50.684	ug/L	98
31) Carbon tetrachloride	5.13	117	243995	50.910	ug/L	99
33) Benzene	5.39	78	720530	50.646	ug/L	100
34) Trichloroethene	6.18	95	188752	50.622	ug/L	99
35) Methylcyclohexane	6.41	83	320947	53.081	ug/L	99
37) 1,2-Dichloropropane	6.43	63	188099	50.264	ug/L	100
38) Bromodichloromethane	6.75	83	244170	52.470	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	296286	50.877	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	492144	97.400	ug/L	99
42) Toluene	7.63	91	793023	51.268	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	270384	50.851	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	188512	50.371	ug/L	98
46) Tetrachloroethene	8.22	164	167654	51.379	ug/L	98
48) 2-Hexanone	8.36	43	447890	103.903	ug/L	99
49) Dibromochloromethane	8.47	129	213904	51.157	ug/L	100
50) 1,2-Dibromoethane	8.58	107	206197	49.986	ug/L	99
51) Chlorobenzene	9.12	112	518490	49.719	ug/L	99
52) Ethylbenzene	9.24	91	862131	50.630	ug/L	99
53) m,p-Xylene	9.37	106	341880	51.893	ug/L	100
54) o-xylene	9.77	106	331065	51.161	ug/L	100
55) Styrene	9.79	104	570306	51.759	ug/L	98
56) Isopropylbenzene	10.16	105	866067	51.122	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	322051	50.138	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	239565	49.155	ug/L	99
61) Bromoform	9.95	173	170174	52.503	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	422802	50.278	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	429989	50.286	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	426519	50.389	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	69052	50.201	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	338716	51.894	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	306636	51.359	ug/L	99
69) Naphthalene	13.74	128	961115	49.547	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	314723	50.742	ug/L	99

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

