

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036480.D
 Acq On : 15 Jan 2020 20:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Jan 16 06:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	461546	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	436919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	198998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	165845	55.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.84%
7) Chloroethane-d5	1.93	69	143378	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.70%
11) 1,1-Dichloroethene-d2	2.59	63	303007	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
21) 2-Butanone-d5	4.67	46	269001	104.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	5.11	84	328276	55.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.75	65	219723	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
32) Benzene-d6	5.77	84	629094	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.10%
36) 1,2-Dichloropropane-d6	6.73	67	205068	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.36%
41) Toluene-d8	7.93	98	568666	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%
43) trans-1,3-Dichloropropene-	8.21	79	106960	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.86%
47) 2-Hexanone-d5	8.67	63	205904	108.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	308722	55.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	208188	53.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	203613	47.604 ug/L	99
3) Chloromethane	1.54	50	194464	50.490 ug/L	100
5) Vinyl chloride	1.62	62	192048	50.236 ug/L	100
6) Bromomethane	1.87	94	117027	50.340 ug/L	100
8) Chloroethane	1.95	64	112742	49.853 ug/L	96
9) Trichlorofluoromethane	2.16	101	253591	48.703 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	134107	48.714 ug/L	99
12) 1,1-Dichloroethene	2.60	96	135964	49.842 ug/L	90
13) Acetone	2.66	43	235935	84.736 ug/L	97
14) Carbon disulfide	2.82	76	428942	48.617 ug/L	100
15) Methyl Acetate	2.98	43	183918	49.394 ug/L	99
16) Methylene chloride	3.08	84	167623	49.944 ug/L	96
17) trans-1,2-Dichloroethene	3.39	96	149155	49.872 ug/L	99
18) Methyl tert-butyl Ether	3.41	73	527666	51.773 ug/L	100
19) 1,1-Dichloroethane	3.92	63	293163	51.922 ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	174834	50.987 ug/L	99
22) 2-Butanone	4.75	43	299223	94.697 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	86281	52.085	ug/L	98
25) Chloroform	5.13	83	310622	51.586	ug/L	100
27) 1,2-Dichloroethane	5.84	62	248657	52.139	ug/L	99
29) Cyclohexane	5.43	56	241813	46.144	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	258819	49.877	ug/L	98
31) Carbon tetrachloride	5.57	117	220436	49.565	ug/L	97
33) Benzene	5.81	78	641816	51.122	ug/L	100
34) Trichloroethene	6.58	95	170446	50.278	ug/L	98
35) Methylcyclohexane	6.80	83	248610	47.633	ug/L	99
37) 1,2-Dichloropropane	6.83	63	168500	50.640	ug/L	100
38) Bromodichloromethane	7.14	83	237522	51.869	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	270880	50.286	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	533563	99.679	ug/L	99
42) Toluene	8.00	91	685808	50.294	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	258070	51.718	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	164552	51.738	ug/L	97
46) Tetrachloroethene	8.58	164	112495	49.332	ug/L	92
48) 2-Hexanone	8.72	43	405692	95.829	ug/L	98
49) Dibromochloromethane	8.84	129	187266	52.933	ug/L	98
50) 1,2-Dibromoethane	8.95	107	188299	52.228	ug/L	97
51) Chlorobenzene	9.47	112	432962	50.494	ug/L	98
52) Ethylbenzene	9.60	91	757116	49.711	ug/L	99
53) m,p-Xylene	9.72	106	286710	50.340	ug/L	96
54) o-xylene	10.12	106	280039	49.252	ug/L	98
55) Styrene	10.14	104	477988	51.834	ug/L	99
56) Isopropylbenzene	10.51	105	723357	49.569	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	278439	50.343	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	228718	49.846	ug/L	97
61) Bromoform	10.32	173	131519	48.530	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	312512	49.873	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	311826	49.525	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	313667	50.748	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	62995	46.347	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	191018	50.411	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	140185	50.202	ug/L	97
69) Naphthalene	14.10	128	471120	49.929	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	147939	51.068	ug/L	99

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

