

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013111.D
 Acq On : 11 Oct 2019 19:06
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Oct 12 01:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 01:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	801038	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	743701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	362063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	255596	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.96%
7) Chloroethane-d5	1.58	69	207375	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.92%
11) 1,1-Dichloroethene-d2	2.13	63	480836	50.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.70%
21) 2-Butanone-d5	3.93	46	413243	108.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.40	84	506669	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.08	65	310218	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.10	84	1056697	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.52%
36) 1,2-Dichloropropane-d6	6.12	67	329952	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.16%
41) Toluene-d8	7.36	98	957161	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.66	79	151415	53.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.54%
47) 2-Hexanone-d5	8.13	63	286800	115.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.95%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	427474	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	382183	53.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	307284	49.454 ug/L	99
3) Chloromethane	1.25	50	343551	48.589 ug/L	100
5) Vinyl chloride	1.32	62	331138	48.750 ug/L	99
6) Bromomethane	1.53	94	146080	42.031 ug/L	98
8) Chloroethane	1.60	64	200008	49.503 ug/L	99
9) Trichlorofluoromethane	1.77	101	432644	49.639 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	255536	49.774 ug/L	99
12) 1,1-Dichloroethene	2.14	96	247857	49.894 ug/L	96
13) Acetone	2.19	43	316579	90.562 ug/L	99
14) Carbon disulfide	2.32	76	735375	51.044 ug/L	100
15) Methyl Acetate	2.46	43	312250	50.405 ug/L	99
16) Methylene chloride	2.54	84	293439	49.648 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	278968	51.763 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	836478	51.422 ug/L	100
19) 1,1-Dichloroethane	3.23	63	512107	50.375 ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	311695	51.103 ug/L	99
22) 2-Butanone	4.01	43	465198	104.551 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	154636	49.917	ug/L	98
25) Chloroform	4.42	83	513668	50.149	ug/L	97
27) 1,2-Dichloroethane	5.18	62	395264	50.341	ug/L	99
29) Cyclohexane	4.73	56	476006	53.443	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	431638	52.307	ug/L	98
31) Carbon tetrachloride	4.87	117	379667	51.778	ug/L	100
33) Benzene	5.15	78	1164756	51.420	ug/L	100
34) Trichloroethene	5.96	95	310707	51.517	ug/L	100
35) Methylcyclohexane	6.18	83	489538	53.659	ug/L	99
37) 1,2-Dichloropropane	6.22	63	303622	51.764	ug/L	100
38) Bromodichloromethane	6.55	83	386739	51.818	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	469912	54.169	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	843948	109.914	ug/L	99
42) Toluene	7.43	91	1237169	53.054	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	404437	53.782	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	283770	50.957	ug/L	98
46) Tetrachloroethene	8.02	164	248929	52.133	ug/L	98
48) 2-Hexanone	8.18	43	666193	112.201	ug/L	100
49) Dibromochloromethane	8.29	129	314198	51.770	ug/L	100
50) 1,2-Dibromoethane	8.39	107	303983	52.228	ug/L	100
51) Chlorobenzene	8.92	112	790186	51.672	ug/L	99
52) Ethylbenzene	9.05	91	1344537	53.979	ug/L	99
53) m,p-Xylene	9.18	106	513947	54.844	ug/L	100
54) o-xylene	9.59	106	507589	54.063	ug/L	97
55) Styrene	9.60	104	860677	55.820	ug/L	98
56) Isopropylbenzene	9.97	105	1316892	54.624	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	423165	52.271	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	371912	52.083	ug/L	100
61) Bromoform	9.77	173	235524	51.695	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	614802	52.509	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	613100	52.145	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	623000	52.269	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	91789	52.947	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	451645	54.089	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	398837	55.689	ug/L	99
69) Naphthalene	13.55	128	1226230	62.148	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	434437	56.707	ug/L	99

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

