

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013130.D
 Acq On : 12 Oct 2019 03:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Oct 12 04:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 04:13:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	689605	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	656288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	317302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	216101	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.16%
7) Chloroethane-d5	1.58	69	192222	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	420341	51.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.24%
21) 2-Butanone-d5	3.93	46	341668	104.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.25%
24) Chloroform-d	4.40	84	451310	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
26) 1,2-Dichloroethane-d4	5.08	65	279104	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.90%
32) Benzene-d6	5.10	84	932303	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
36) 1,2-Dichloropropane-d6	6.12	67	292892	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.36	98	849447	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%
43) trans-1,3-Dichloropropene-	7.66	79	124690	50.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.34%
47) 2-Hexanone-d5	8.13	63	232269	106.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	382102	53.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	324050	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	269619	50.404	ug/L	99
3) Chloromethane	1.25	50	311206	51.126	ug/L	100
5) Vinyl chloride	1.33	62	295734	50.573	ug/L	100
6) Bromomethane	1.53	94	183157	61.215	ug/L	96
8) Chloroethane	1.60	64	182187	52.379	ug/L	99
9) Trichlorofluoromethane	1.77	101	382869	51.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	222247	50.285	ug/L	99
12) 1,1-Dichloroethene	2.15	96	219600	51.349	ug/L	92
13) Acetone	2.19	43	220840	73.382	ug/L	99
14) Carbon disulfide	2.32	76	615272	49.608	ug/L	100
15) Methyl Acetate	2.46	43	263417	49.393	ug/L	99
16) Methylene chloride	2.54	84	255985	50.309	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	232346	50.079	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	708955	50.626	ug/L	100
19) 1,1-Dichloroethane	3.23	63	449756	51.391	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	264428	50.359	ug/L	98
22) 2-Butanone	4.01	43	359212	93.777	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	136226	51.080	ug/L	99
25) Chloroform	4.43	83	454146	51.502	ug/L	98
27) 1,2-Dichloroethane	5.18	62	343943	50.883	ug/L	99
29) Cyclohexane	4.73	56	401342	51.062	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	370928	50.937	ug/L	99
31) Carbon tetrachloride	4.88	117	328024	50.693	ug/L	100
33) Benzene	5.15	78	1027021	51.378	ug/L	100
34) Trichloroethene	5.96	95	265903	49.960	ug/L	98
35) Methylcyclohexane	6.18	83	403880	50.166	ug/L	99
37) 1,2-Dichloropropane	6.22	63	263621	50.931	ug/L	100
38) Bromodichloromethane	6.55	83	335855	50.994	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	381053	49.776	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	697199	102.896	ug/L	100
42) Toluene	7.43	91	1080525	52.508	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	327177	49.303	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	252288	51.338	ug/L	99
46) Tetrachloroethene	8.02	164	229833	54.545	ug/L	99
48) 2-Hexanone	8.18	43	529371	101.032	ug/L	99
49) Dibromochloromethane	8.29	129	277150	51.748	ug/L	99
50) 1,2-Dibromoethane	8.39	107	259094	50.445	ug/L	99
51) Chlorobenzene	8.92	112	679244	50.333	ug/L	99
52) Ethylbenzene	9.05	91	1147196	52.191	ug/L	100
53) m,p-Xylene	9.18	106	441796	53.424	ug/L	100
54) o-xylene	9.59	106	430673	51.981	ug/L	100
55) Styrene	9.60	104	732253	53.817	ug/L	98
56) Isopropylbenzene	9.97	105	1127639	53.004	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	366902	51.358	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	320905	50.926	ug/L	99
61) Bromoform	9.77	173	199124	49.871	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	506423	49.354	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	505106	49.020	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	521481	49.923	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	72622	47.800	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	348196	47.582	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	294488	46.919	ug/L	99
69) Naphthalene	13.55	128	816288	47.208	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	328959	48.996	ug/L	100

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

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