

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010821\
 Data File : VX020533.D
 Acq On : 08 Jan 2021 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 04:06:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	333510	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	329861	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	164122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	134735	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.56%
7) Chloroethane-d5	1.69	69	110987	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.34	63	253175	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
21) 2-Butanone-d5	4.53	46	175534	106.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.14	84	266970	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	6.03	65	164347	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.66%
32) Benzene-d6	6.04	84	523861	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	7.37	67	162249	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	8.69	98	465012	51.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.99	79	76980	51.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.14%
47) 2-Hexanone-d5	9.42	63	134011	98.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.89%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	217715	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
66) 1,2-Dichlorobenzene-d4	12.36	152	168222	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	164555	50.683	ug/L 100
3) Chloromethane	1.31	50	144713	49.523	ug/L 97
5) Vinyl chloride	1.39	62	154198	49.673	ug/L 99
6) Bromomethane	1.64	94	77765	49.525	ug/L 99
8) Chloroethane	1.71	64	92822	49.922	ug/L 100
9) Trichlorofluoromethane	1.92	101	209561	53.607	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	130666	53.756	ug/L 99
12) 1,1-Dichloroethene	2.36	96	123413	51.939	ug/L 98
13) Acetone	2.42	43	122055	90.703	ug/L 100
14) Carbon disulfide	2.55	76	377880	49.556	ug/L 99
15) Methyl Acetate	2.75	43	127223	47.482	ug/L 99
16) Methylene chloride	2.83	84	140657	49.510	ug/L 97
17) trans-1,2-Dichloroethene	3.14	96	127579	49.881	ug/L 96
18) Methyl tert-butyl Ether	3.16	73	390218	50.484	ug/L 100
19) 1,1-Dichloroethane	3.67	63	234624	50.710	ug/L 100
20) cis-1,2-Dichloroethene	4.56	96	138961	49.682	ug/L 97
22) 2-Butanone	4.63	43	184343	92.688	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010821\
 Data File : VX020533.D
 Acq On : 08 Jan 2021 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 04:06:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	72265	49.966	ug/L	97
25) Chloroform	5.17	83	246058	48.718	ug/L	99
27) 1,2-Dichloroethane	6.15	62	188469	50.608	ug/L	100
29) Cyclohexane	5.54	56	204183	50.205	ug/L	100
30) 1,1,1-Trichloroethane	5.46	97	212823	50.482	ug/L	99
31) Carbon tetrachloride	5.75	117	182666	51.243	ug/L	98
33) Benzene	6.10	78	546860	50.160	ug/L	100
34) Trichloroethene	7.18	95	137921	49.674	ug/L	97
35) Methylcyclohexane	7.43	83	217657	52.147	ug/L	99
37) 1,2-Dichloropropane	7.48	63	139076	50.288	ug/L	100
38) Bromodichloromethane	7.87	83	179839	50.641	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	207198	49.819	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	342304	94.208	ug/L	99
42) Toluene	8.76	91	571553	50.041	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	201633	49.660	ug/L	99
45) 1,1,2-Trichloroethane	9.19	97	132830	48.529	ug/L	98
46) Tetrachloroethene	9.32	164	106671	49.565	ug/L	99
48) 2-Hexanone	9.47	43	268768	93.607	ug/L	97
49) Dibromochloromethane	9.56	129	140694	50.133	ug/L	99
50) 1,2-Dibromoethane	9.65	107	142072	50.107	ug/L	99
51) Chlorobenzene	10.12	112	357528	49.442	ug/L	97
52) Ethylbenzene	10.23	91	620061	50.771	ug/L	100
53) m,p-Xylene	10.34	106	236114	51.746	ug/L	94
54) o-Xylene	10.68	106	227655	51.411	ug/L	98
55) Styrene	10.70	104	391294	52.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	203641	46.885	ug/L	99
59) Bromoform	10.84	173	102559	50.027	ug/L	97
60) Isopropylbenzene	11.00	105	609575	52.676	ug/L	99
61) 1,2,3-Trichloropropane	11.27	75	163195	45.583	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	504689	53.476	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	508229	53.349	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	264704	49.032	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	275376	50.484	ug/L	95
67) 1,2-Dichlorobenzene	12.37	146	261431	48.570	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	44134	48.736	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	197260	53.225	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	165889	51.985	ug/L	100
71) Naphthalene	13.82	128	565634	53.656	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	176075	53.633	ug/L	99

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

