

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020524.D
 Acq On : 06 Jan 2021 17:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV402

Quant Time: Jan 06 17:51:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 17:45:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	349178	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	346976	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	170275	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	148332	52.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.74%			
7) Chloroethane-d5	1.684	69	119026	54.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.58%			
11) 1,1-Dichloroethene-d2	2.343	63	274641	52.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.84%			
21) 2-Butanone-d5	4.525	46	184045	107.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.07%			
24) Chloroform-d	5.135	84	262403	54.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.72%			
26) 1,2-Dichloroethane-d4	6.031	65	168561	52.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.46%			
32) Benzene-d6	6.043	84	552580	52.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.90%			
36) 1,2-Dichloropropane-d6	7.366	67	170493	52.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.66%			
41) Toluene-d8	8.695	98	500335	52.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.76%			
43) trans-1,3-Dichloroprop...	8.994	79	83223	53.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.02%			
47) 2-Hexanone-d5	9.427	63	152889	107.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.25%			
56) 1,1,2,2-Tetrachloroeth...	11.231	84	225360	50.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.54%			
66) 1,2-Dichlorobenzene-d4	12.359	152	178445	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	165585	48.71	ug/L	100
3) Chloromethane	1.313	50	145634	47.60	ug/L	99
5) Vinyl chloride	1.392	62	157234	48.38	ug/L	98
6) Bromomethane	1.623	94	80535	48.99	ug/L	99
8) Chloroethane	1.709	64	93900	48.24	ug/L	100
9) Trichlorofluoromethane	1.916	101	201667	49.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	124010	48.73	ug/L	98
12) 1,1-Dichloroethene	2.355	96	119369	47.98	ug/L	96
13) Acetone	2.416	43	134171	95.23	ug/L	99
14) Carbon disulfide	2.550	76	382296	47.89	ug/L	99
15) Methyl Acetate	2.745	43	134930	48.10	ug/L	100
16) Methylene chloride	2.831	84	143364	48.20	ug/L	100
17) trans-1,2-Dichloroethene	3.141	96	129813	48.48	ug/L	95
18) Methyl tert-butyl Ether	3.166	73	405121	50.06	ug/L	99
19) 1,1-Dichloroethane	3.666	63	237490	49.03	ug/L	99
20) cis-1,2-Dichloroethene	4.562	96	143640	49.05	ug/L	94
22) 2-Butanone	4.629	43	200352	96.22	ug/L	99
23) Bromochloromethane	4.977	128	73570	48.59	ug/L	97
25) Chloroform	5.172	83	260169	49.20	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	190120	48.76	ug/L	99
29) Cyclohexane	5.543	56	210685	49.25	ug/L	100
30) 1,1,1-Trichloroethane	5.464	97	215044	48.49	ug/L	99
31) Carbon tetrachloride	5.751	117	181170	48.32	ug/L	98
33) Benzene	6.110	78	554688	48.37	ug/L	100
34) Trichloroethene	7.183	95	139033	47.60	ug/L	99
35) Methylcyclohexane	7.439	83	217623	49.57	ug/L	100
37) 1,2-Dichloropropane	7.488	63	139798	48.06	ug/L	99
38) Bromodichloromethane	7.872	83	179164	47.96	ug/L	99
39) cis-1,3-Dichloropropene	8.415	75	211261	48.29	ug/L	98
40) 4-Methyl-2-pentanone	8.616	43	373832	97.81	ug/L	100
42) Toluene	8.762	91	581699	48.42	ug/L	100
44) trans-1,3-Dichloropropene	9.018	75	209857	49.14	ug/L	100
45) 1,1,2-Trichloroethane	9.195	97	137528	47.77	ug/L	99
46) Tetrachloroethene	9.317	164	105406	46.56	ug/L	97
48) 2-Hexanone	9.470	43	292481	96.84	ug/L	99
49) Dibromochloromethane	9.561	129	144732	49.03	ug/L	98
50) 1,2-Dibromoethane	9.652	107	143917	48.25	ug/L	99
51) Chlorobenzene	10.122	112	362055	47.60	ug/L	98
52) Ethylbenzene	10.232	91	616141	47.96	ug/L	99
53) m,p-Xylene	10.341	106	235368	49.04	ug/L	99
54) o-Xylene	10.683	106	227335	48.81	ug/L	95
55) Styrene	10.695	104	390790	49.56	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.250	83	209256	45.80	ug/L	98
59) Bromoform	10.841	173	102826	48.34	ug/L	100
60) Isopropylbenzene	11.000	105	596205	49.66	ug/L	99
61) 1,2,3-Trichloropropane	11.280	75	174177	46.89	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	497972	50.86	ug/L	98
63) 1,2,4-Trimethylbenzene	11.792	105	506354	51.23	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	267932	47.84	ug/L	96
65) 1,4-Dichlorobenzene	12.079	146	268727	47.48	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	278986	49.96	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.981	75	45493	48.42	ug/L	88
69) 1,3,5-Trichlorobenzene	13.152	180	195679	50.89	ug/L	100
70) 1,2,4-trichlorobenzene	13.627	180	165734	50.06	ug/L	97
71) Naphthalene	13.816	128	579154	52.95	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	169831	49.86	ug/L	97

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

