

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012621\
 Data File : VV020163.D
 Acq On : 25 Jan 2021 20:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV166

Quant Time: Jan 26 05:48:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 18:17:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	516736	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	477216	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	243399	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	176424	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.04%		
7) Chloroethane-d5	1.569	69	146335	46.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.56%		
11) 1,1-Dichloroethene-d2	2.110	63	335321	45.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.56%		
21) 2-Butanone-d5	3.888	46	227750	90.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.41%		
24) Chloroform-d	4.347	84	312109	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.60%		
26) 1,2-Dichloroethane-d4	5.032	65	215977	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.84%		
32) Benzene-d6	5.052	84	572764	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.58%		
36) 1,2-Dichloropropane-d6	6.071	67	208346	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.30%		
41) Toluene-d8	7.318	98	537815	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.54%		
43) trans-1,3-Dichloroprop...	7.621	79	95322	49.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.66%		
47) 2-Hexanone-d5	8.090	63	190084	109.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.57%		
56) 1,1,2,2-Tetrachloroeth...	10.222	84	291864	50.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.48%		
66) 1,2-Dichlorobenzene-d4	11.630	152	247122	53.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.76%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.132	85	162497	45.25	ug/L	99
3) Chloromethane	1.241	50	194841	40.87	ug/L	99
5) Vinyl chloride	1.312	62	175618	43.93	ug/L	99
6) Bromomethane	1.524	94	90709	51.13	ug/L	98
8) Chloroethane	1.589	64	116269	47.16	ug/L	99
9) Trichlorofluoromethane	1.753	101	263421	46.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	146955	46.33	ug/L	96
12) 1,1-Dichloroethene	2.119	96	139943	45.52	ug/L	94
13) Acetone	2.187	43	154865	83.57	ug/L	96
14) Carbon disulfide	2.296	76	366109	45.14	ug/L	100
15) Methyl Acetate	2.434	43	160232	44.73	ug/L	98
16) Methylene chloride	2.508	84	147953	45.09	ug/L	95
17) trans-1,2-Dichloroethene	2.762	96	136106	45.94	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	464804	46.02	ug/L	100
19) 1,1-Dichloroethane	3.190	63	266219	44.08	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	151863	45.24	ug/L	96
22) 2-Butanone	3.974	43	231965	93.17	ug/L	98
23) Bromochloromethane	4.248	128	77121	45.68	ug/L	88
25) Chloroform	4.376	83	280465	44.86	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	241465	45.34	ug/L	98
29) Cyclohexane	4.679	56	239162	54.20	ug/L	99
30) 1,1,1-Trichloroethane	4.611	97	252625	48.24	ug/L	96
31) Carbon tetrachloride	4.833	117	215471	48.83	ug/L	99
33) Benzene	5.100	78	588140	46.44	ug/L	100
34) Trichloroethene	5.916	95	159646	47.44	ug/L	98
35) Methylcyclohexane	6.132	83	255816	53.29	ug/L	99
37) 1,2-Dichloropropane	6.174	63	173959	53.23	ug/L	99
38) Bromodichloromethane	6.511	83	233973	51.13	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	270448	52.31	ug/L	98
40) 4-Methyl-2-pentanone	7.225	43	507787	101.99	ug/L	99
42) Toluene	7.389	91	620848	46.93	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	255189	51.48	ug/L	98
45) 1,1,2-Trichloroethane	7.839	97	168434	53.64	ug/L	97
46) Tetrachloroethene	7.977	164	131042	54.19	ug/L	92
48) 2-Hexanone	8.141	43	386815	105.05	ug/L	99
49) Dibromochloromethane	8.248	129	184581	51.71	ug/L	99
50) 1,2-Dibromoethane	8.354	107	184088	51.20	ug/L #	98
51) Chlorobenzene	8.884	112	459569	51.61	ug/L	100
52) Ethylbenzene	9.016	91	776549	52.17	ug/L	100
53) m,p-Xylene	9.141	106	294714	52.35	ug/L	99
54) o-Xylene	9.547	106	290020	51.62	ug/L	100
55) Styrene	9.563	104	514377	52.49	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.247	83	284199	51.94	ug/L	99
59) Bromoform	9.736	173	125946	47.86	ug/L #	98
60) Isopropylbenzene	9.936	105	755796	49.21	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	225860	49.65	ug/L	98
62) 1,3,5-Trimethylbenzene	10.543	105	639630	49.98	ug/L	100
63) 1,2,4-Trimethylbenzene	10.919	105	630504	50.14	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	352410	49.14	ug/L	99
65) 1,4-Dichlorobenzene	11.280	146	362951	50.07	ug/L	98
67) 1,2-Dichlorobenzene	11.649	146	373846	53.15	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.437	75	61073	47.58	ug/L	92
69) 1,3,5-Trichlorobenzene	12.653	180	243899	46.26	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	226316	45.07	ug/L	98
71) Naphthalene	13.511	128	762127	46.45	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	224894	42.93	ug/L	98

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

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