

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020400.D
 Acq On : 24 Feb 2021 17:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV162

Quant Time: Feb 25 00:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	583853	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	570526	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	315386	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151270	52.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.72%
7) Chloroethane-d5	1.568	69	135746	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.16%
11) 1,1-Dichloroethene-d2	2.111	63	308509	51.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.50%
21) 2-Butanone-d5	3.892	46	240455	110.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.55%
24) Chloroform-d	4.352	84	347686	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.037	65	219766	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.30%
32) Benzene-d6	5.053	84	666091	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.18%
36) 1,2-Dichloropropane-d6	6.072	67	209203	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.54%
41) Toluene-d8	7.320	98	636145	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%
43) trans-1,3-Dichloroprop...	7.625	79	103545	55.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.34%
47) 2-Hexanone-d5	8.092	63	183109	118.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.73%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	304795	55.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.48%
66) 1,2-Dichlorobenzene-d4	11.632	152	292440	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	244381	51.37	ug/L	100
3) Chloromethane	1.243	50	217600	53.20	ug/L	98
5) Vinyl chloride	1.310	62	236196	53.21	ug/L	100
6) Bromomethane	1.523	94	155765	53.55	ug/L	100
8) Chloroethane	1.587	64	142425	52.61	ug/L	97
9) Trichlorofluoromethane	1.754	101	342545	51.67	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	186990	51.51	ug/L	94
12) 1,1-Dichloroethene	2.121	96	178441	52.65	ug/L	92
13) Acetone	2.182	43	165856	103.60	ug/L	98
14) Carbon disulfide	2.294	76	471382	53.21	ug/L	100
15) Methyl Acetate	2.436	43	185265	55.51	ug/L	98
16) Methylene chloride	2.510	84	202163	52.50	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	188802	53.42	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	583070	54.68	ug/L	98
19) 1,1-Dichloroethane	3.195	63	339113	52.64	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	212539	54.28	ug/L	91
22) 2-Butanone	3.976	43	260969	114.87	ug/L	96
23) Bromochloromethane	4.252	128	115932	54.87	ug/L	91
25) Chloroform	4.381	83	374492	53.09	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	282410	54.02	ug/L	99
29) Cyclohexane	4.683	56	263443	51.97	ug/L	94
30) 1,1,1-Trichloroethane	4.613	97	321363	53.57	ug/L	97
31) Carbon tetrachloride	4.831	117	274562	52.58	ug/L	99
33) Benzene	5.105	78	778066	54.33	ug/L	100
34) Trichloroethene	5.918	95	213940	51.38	ug/L	96
35) Methylcyclohexane	6.133	83	289577	51.92	ug/L	95
37) 1,2-Dichloropropane	6.178	63	196986	54.02	ug/L	99
38) Bromodichloromethane	6.513	83	271250	54.25	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	310800	56.08	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	514011	114.05	ug/L	95
42) Toluene	7.391	91	847512	54.16	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	308568	57.04	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	206730	54.10	ug/L	97
46) Tetrachloroethene	7.979	164	174254	52.08	ug/L	98
48) 2-Hexanone	8.143	43	399065	114.57	ug/L	97
49) Dibromochloromethane	8.249	129	229550	55.61	ug/L	99
50) 1,2-Dibromoethane	8.355	107	225593	55.52	ug/L	98
51) Chlorobenzene	8.886	112	570275	52.14	ug/L	97
52) Ethylbenzene	9.018	91	932358	53.67	ug/L	97
53) m,p-Xylene	9.143	106	359526	54.13	ug/L	98
54) o-Xylene	9.548	106	357378	54.81	ug/L	96
55) Styrene	9.564	104	625347	55.87	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	311611	55.35	ug/L	99
59) Bromoform	9.738	173	168205	56.96	ug/L	99
60) Isopropylbenzene	9.937	105	941607	54.44	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	269137	54.28	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	785365	55.43	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	819097	56.41	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	485849	53.42	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	499250	52.80	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	489356	53.84	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	69971	60.75	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	379510	53.51	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	345650	56.14	ug/L	99
71) Naphthalene	13.509	128	1050981	61.76	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	357557	57.77	ug/L	99

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

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