

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021576.D
 Acq On : 29 Jun 2021 13:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV199

Quant Time: Jun 30 04:24:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 04:11:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	461193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	433013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	231972	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	138163	47.349	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.700%		
7) Chloroethane-d5	1.561	69	113398	47.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.100%		
11) 1,1-Dichloroethene-d2	2.105	63	258232	48.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.740%		
21) 2-Butanone-d5	3.867	46	242041	97.124	ug/L	-0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.120%		
24) Chloroform-d	4.346	84	297636	48.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
26) 1,2-Dichloroethane-d4	5.027	65	180210	50.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
32) Benzene-d6	5.047	84	596613	49.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.140%		
36) 1,2-Dichloropropane-d6	6.069	67	184638	48.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	7.313	98	553505	49.227	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.460%		
43) trans-1,3-Dichloroprop...	7.619	79	92978	48.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.480%		
47) 2-Hexanone-d5	8.085	63	177129	99.581	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.580%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259761	50.278	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.560%		
66) 1,2-Dichlorobenzene-d4	11.625	152	224386	48.519	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	190724	47.813	ug/L	99
3) Chloromethane	1.243	50	189342	49.304	ug/L	98
5) Vinyl chloride	1.310	62	180536	47.487	ug/L	100
6) Bromomethane	1.513	94	113158	51.076	ug/L	100
8) Chloroethane	1.580	64	104074	47.615	ug/L	97
9) Trichlorofluoromethane	1.748	101	238669	49.881	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	134350	49.014	ug/L	99
12) 1,1-Dichloroethene	2.114	96	125488	47.644	ug/L	99
13) Acetone	2.156	43	155902	75.672	ug/L #	100
14) Carbon disulfide	2.291	76	436340	46.989	ug/L	99
15) Methyl Acetate	2.423	43	183586	47.953	ug/L	100
16) Methylene chloride	2.503	84	171259	47.898	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	155149	48.284	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	514126	49.401	ug/L	99
19) 1,1-Dichloroethane	3.185	63	281615	48.113	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	173237	48.483	ug/L	97
22) 2-Butanone	3.950	43	253681	89.158	ug/L	97
23) Bromochloromethane	4.243	128	92573	49.084	ug/L	97
25) Chloroform	4.371	83	288821	48.400	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	215092	49.557	ug/L	100
29) Cyclohexane	4.674	56	263972	48.278	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	259008	47.578	ug/L	99
31) Carbon tetrachloride	4.825	117	229540	47.877	ug/L	100
33) Benzene	5.095	78	645331	48.971	ug/L	100
34) Trichloroethene	5.911	95	166462	46.731	ug/L	98
35) Methylcyclohexane	6.130	83	273356	48.337	ug/L	99
37) 1,2-Dichloropropane	6.172	63	164990	48.168	ug/L	99
38) Bromodichloromethane	6.510	83	224454	48.488	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	274567	48.609	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	486631	96.783	ug/L	100
42) Toluene	7.387	91	685037	48.533	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	259470	49.190	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	164191	48.794	ug/L	99
46) Tetrachloroethene	7.976	164	134861	47.602	ug/L	98
48) 2-Hexanone	8.136	43	367921	92.574	ug/L	99
49) Dibromochloromethane	8.246	129	190831	49.243	ug/L	97
50) 1,2-Dibromoethane	8.352	107	180036	48.797	ug/L	100
51) Chlorobenzene	8.882	112	451783	49.185	ug/L	98
52) Ethylbenzene	9.011	91	748961	48.841	ug/L	100
53) m,p-Xylene	9.136	106	289780	49.242	ug/L	98
54) o-Xylene	9.545	106	290463	49.474	ug/L	97
55) Styrene	9.561	104	499290	50.329	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	265641	50.642	ug/L	99
59) Bromoform	9.731	173	144352	48.416	ug/L	100
60) Isopropylbenzene	9.931	105	760511	48.066	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	212806	47.456	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	644326	47.782	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	658439	48.250	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361881	48.639	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	362295	48.718	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	363254	48.718	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	62514	47.025	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	265651	47.778	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	232622	48.648	ug/L	99
71) Naphthalene	13.503	128	741030	50.885	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	231853	49.092	ug/L	99

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

