

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024247.D
 Acq On : 30 Dec 2021 21:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV274

Quant Time: Dec 31 05:22:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	252080	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	239720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134731	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88619	48.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.700%
7) Chloroethane-d5	1.568	69	67287	48.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	2.111	63	169143	49.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
21) 2-Butanone-d5	3.886	46	101507	100.426	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.430%
24) Chloroform-d	4.349	84	164284	49.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
26) 1,2-Dichloroethane-d4	5.031	65	108651	48.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	5.050	84	309905	49.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	6.069	67	86019	49.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.317	98	307391	50.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
43) trans-1,3-Dichloroprop...	7.619	79	50753	50.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.540%
47) 2-Hexanone-d5	8.088	63	78473	103.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	122287	48.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	134283	50.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	97192	47.791	ug/L	99
3) Chloromethane	1.243	50	83468	48.852	ug/L	96
5) Vinyl chloride	1.310	62	89821	49.684	ug/L	98
6) Bromomethane	1.523	94	56222	54.575	ug/L	100
8) Chloroethane	1.587	64	57385	51.426	ug/L	96
9) Trichlorofluoromethane	1.754	101	161853	49.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	75804	47.731	ug/L	100
12) 1,1-Dichloroethene	2.121	96	75913	49.440	ug/L	94
13) Acetone	2.179	43	86419	86.596	ug/L	100
14) Carbon disulfide	2.294	76	224194	50.287	ug/L	100
15) Methyl Acetate	2.433	43	73528	50.657	ug/L	98
16) Methylene chloride	2.507	84	82986	49.629	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	80689	50.997	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	247956	50.848	ug/L	99
19) 1,1-Dichloroethane	3.191	63	131633	50.158	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	83905	49.653	ug/L	99
22) 2-Butanone	3.973	43	102308	96.509	ug/L	94
23) Bromochloromethane	4.249	128	49191	50.521	ug/L	98
25) Chloroform	4.375	83	154906	50.485	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	120811	48.408	ug/L	98
29) Cyclohexane	4.680	56	108573	50.667	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	147958	50.163	ug/L	99
31) Carbon tetrachloride	4.828	117	137409	50.216	ug/L	100
33) Benzene	5.098	78	310643	50.963	ug/L	100
34) Trichloroethene	5.915	95	85556	50.899	ug/L	97
35) Methylcyclohexane	6.133	83	123212	49.425	ug/L	98
37) 1,2-Dichloropropane	6.172	63	74418	51.906	ug/L	99
38) Bromodichloromethane	6.510	83	113764	50.566	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	121167	50.276	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	193554	103.530	ug/L	100
42) Toluene	7.387	91	352941	51.582	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	126932	51.920	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	80451	50.055	ug/L	97
46) Tetrachloroethene	7.976	164	77918	50.929	ug/L	98
48) 2-Hexanone	8.137	43	155341	103.450	ug/L	100
49) Dibromochloromethane	8.246	129	101736	50.498	ug/L	100
50) 1,2-Dibromoethane	8.352	107	87784	50.850	ug/L	98
51) Chlorobenzene	8.879	112	233139	50.588	ug/L	99
52) Ethylbenzene	9.011	91	373448	51.089	ug/L	99
53) m,p-Xylene	9.137	106	152072	51.902	ug/L	99
54) o-Xylene	9.545	106	147111	52.597	ug/L	98
55) Styrene	9.561	104	257046	52.921	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	115693	49.296	ug/L	98
59) Bromoform	9.731	173	77515	50.455	ug/L	98
60) Isopropylbenzene	9.931	105	392681	52.671	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	96858	48.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	340867	53.152	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	339750	53.066	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	197918	51.487	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	202025	50.961	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	198764	50.170	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	27816	48.818	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	153053	51.763	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	130609	51.650	ug/L	99
71) Naphthalene	13.500	128	395094	54.003	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	138945	53.164	ug/L	100

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

