

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029894.D
 Acq On : 18 Jan 2023 12:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV207

Quant Time: Jan 19 00:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	456355	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	436284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	265302	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	156669	49.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.540%
7) Chloroethane-d5	1.558	69	136054	50.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.720%
11) 1,1-Dichloroethene-d2	2.101	63	272180	48.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
21) 2-Butanone-d5	3.860	46	204894	110.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.580%
24) Chloroform-d	4.329	84	305141	51.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.220%
26) 1,2-Dichloroethane-d4	5.014	65	175571	53.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.080%
32) Benzene-d6	5.034	84	629666	53.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.900%
36) 1,2-Dichloropropane-d6	6.056	67	196106	54.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.160%
41) Toluene-d8	7.304	98	576664	53.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.820%
43) trans-1,3-Dichloroprop...	7.606	79	91494	57.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.660%
47) 2-Hexanone-d5	8.079	63	178826	115.755	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.750%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	321915	57.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	11.609	152	243955	51.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	151384	46.338	ug/L	99
3) Chloromethane	1.236	50	150525	45.257	ug/L	99
5) Vinyl chloride	1.307	62	178008	46.506	ug/L	100
6) Bromomethane	1.513	94	90893	55.947	ug/L	98
8) Chloroethane	1.577	64	118019	48.242	ug/L	99
9) Trichlorofluoromethane	1.748	101	241146	46.710	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	149091	46.947	ug/L	99
12) 1,1-Dichloroethene	2.111	96	142779	46.601	ug/L	95
13) Acetone	2.153	43	187776	83.915	ug/L	99
14) Carbon disulfide	2.285	76	377216	48.236	ug/L	100
15) Methyl Acetate	2.416	43	154562	53.398	ug/L	98
16) Methylene chloride	2.497	84	180755	49.449	ug/L	98
17) trans-1,2-Dichloroethene	2.748	96	156508	48.711	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	529770	52.735	ug/L	100
19) 1,1-Dichloroethane	3.175	63	283295	48.502	ug/L	99
20) cis-1,2-Dichloroethene	3.895	96	178768	49.704	ug/L	97
22) 2-Butanone	3.944	43	222899	96.300	ug/L	99
23) Bromochloromethane	4.230	128	95434	50.693	ug/L	99
25) Chloroform	4.358	83	299175	49.305	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	209882	50.097	ug/L	98
29) Cyclohexane	4.661	56	234538	51.244	ug/L	99
30) 1,1,1-Trichloroethane	4.593	97	247856	48.905	ug/L	99
31) Carbon tetrachloride	4.812	117	210317	48.929	ug/L	99
33) Benzene	5.085	78	675809	51.540	ug/L	100
34) Trichloroethene	5.902	95	163867	49.638	ug/L	98
35) Methylcyclohexane	6.117	83	269064	50.454	ug/L	100
37) 1,2-Dichloropropane	6.159	63	170443	50.029	ug/L	99
38) Bromodichloromethane	6.497	83	225265	50.899	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	257051	53.387	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	412356	109.387	ug/L	99
42) Toluene	7.374	91	715974	51.137	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	243603	54.084	ug/L	100
45) 1,1,2-Trichloroethane	7.825	97	179513	52.090	ug/L	99
46) Tetrachloroethene	7.963	164	133128	48.887	ug/L	98
48) 2-Hexanone	8.130	43	330457	106.885	ug/L	99
49) Dibromochloromethane	8.233	129	185242	51.642	ug/L	98
50) 1,2-Dibromoethane	8.339	107	178495	51.722	ug/L	98
51) Chlorobenzene	8.869	112	475242	49.395	ug/L	100
52) Ethylbenzene	9.001	91	760571	49.703	ug/L	100
53) m,p-Xylene	9.127	106	302052	49.710	ug/L	98
54) o-Xylene	9.532	106	316993	53.883	ug/L	100
55) Styrene	9.548	104	582361	54.889	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.226	83	318899	55.100	ug/L	100
59) Bromoform	9.718	173	140714	53.477	ug/L	99
60) Isopropylbenzene	9.918	105	848464	53.611	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	239465	55.424	ug/L	99
62) 1,3,5-Trimethylbenzene	10.525	105	701460	52.789	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	718409	54.244	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	407973	51.025	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	404309	48.809	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	396273	49.232	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	58226	50.433	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	306693	49.271	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	284208	51.729	ug/L	100
71) Naphthalene	13.487	128	933953	63.205	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	284764	53.184	ug/L	100

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

