

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033078.D
 Acq On : 01 Dec 2023 14:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV216

Quant Time: Dec 04 04:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	200168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	105372	51.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.560%	
7) Chloroethane-d5	1.529	69	72645	51.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.460%	
11) 1,1-Dichloroethene-d2	2.060	65	39325	50.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.580%	
21) 2-Butanone-d5	3.780	46	105575	104.449	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.450%	
24) Chloroform-d	4.246	84	221677	51.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.660%	
26) 1,2-Dichloroethane-d4	4.941	65	141004	52.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.020%	
32) Benzene-d6	4.960	84	419776	53.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.540%	
36) 1,2-Dichloropropane-d6	5.989	67	112397	53.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.080%	
41) Toluene-d8	7.243	98	406092	54.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.040%	
43) trans-1,3-Dichloroprop...	7.551	79	69119	52.068	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.140%	
47) 2-Hexanone-d5	8.021	63	92432	109.601	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.600%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	156590	52.473	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.940%	
66) 1,2-Dichlorobenzene-d4	11.561	152	190134	53.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	181773	48.849	ug/L	100
3) Chloromethane	1.214	50	118656	48.347	ug/L	99
5) Vinyl chloride	1.285	62	113866	48.377	ug/L	98
6) Bromomethane	1.484	94	75477	49.143	ug/L	97
8) Chloroethane	1.548	64	60618	48.373	ug/L	99
9) Trichlorofluoromethane	1.712	101	191346	49.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	90779	49.773	ug/L	98
12) 1,1-Dichloroethene	2.069	96	85053	49.834	ug/L	92
13) Acetone	2.108	43	85617	88.727	ug/L	100
14) Carbon disulfide	2.243	76	305595	49.907	ug/L	100
15) Methyl Acetate	2.368	43	79808	49.623	ug/L	98
16) Methylene chloride	2.446	84	109983	48.665	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	112062	50.008	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	342710	50.344	ug/L	99
19) 1,1-Dichloroethane	3.111	63	181661	48.980	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	120455	50.660	ug/L	98
22) 2-Butanone	3.860	43	116177	94.607	ug/L	100
23) Bromochloromethane	4.146	128	66260	48.532	ug/L	97
25) Chloroform	4.275	83	211547	49.595	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	168253	49.917	ug/L	98
29) Cyclohexane	4.584	56	159912	51.862	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	208354	50.501	ug/L	99
31) Carbon tetrachloride	4.735	117	193987	50.568	ug/L	100
33) Benzene	5.008	78	432496	51.125	ug/L	100
34) Trichloroethene	5.834	95	127316	50.376	ug/L	94
35) Methylcyclohexane	6.050	83	192199	52.399	ug/L	100
37) 1,2-Dichloropropane	6.092	63	99940	51.047	ug/L	99
38) Bromodichloromethane	6.432	83	159178	50.432	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	189017	53.205	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	220782	106.210	ug/L	100
42) Toluene	7.313	91	492898	51.705	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	183822	51.171	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	114480	50.431	ug/L	98
46) Tetrachloroethene	7.905	164	109275	50.297	ug/L	98
48) 2-Hexanone	8.072	43	169735	98.484	ug/L	99
49) Dibromochloromethane	8.175	129	140053	51.682	ug/L	100
50) 1,2-Dibromoethane	8.281	107	122801	50.740	ug/L	95
51) Chlorobenzene	8.812	112	338028	50.425	ug/L	99
52) Ethylbenzene	8.947	91	567144	51.687	ug/L	99
53) m,p-Xylene	9.072	106	223005	51.320	ug/L	99
54) o-Xylene	9.477	106	217320	50.682	ug/L	100
55) Styrene	9.497	104	390245	52.610	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	153129	49.373	ug/L	100
59) Bromoform	9.664	173	111813	51.468	ug/L	100
60) Isopropylbenzene	9.866	105	605889	52.496	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	126969	50.870	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	486121	52.277	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	513480	53.022	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	312269	50.644	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	317253	49.531	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	306979	50.783	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	38173	49.843	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	244599	49.524	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	233423	51.154	ug/L	99
71) Naphthalene	13.439	128	600380	53.951	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	231980	52.686	ug/L	98

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

