

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070623\
 Data File : VW031654.D
 Acq On : 06 Jul 2023 15:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050385

Quant Time: Jul 07 02:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 07 02:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	208197	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	212975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	132295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	101740	73.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 146.860%#			
7) Chloroethane-d5	1.529	69	75517	62.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.920%			
11) 1,1-Dichloroethene-d2	2.060	65	43082	60.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.660%			
21) 2-Butanone-d5	3.786	46	121973	108.713	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.710%			
24) Chloroform-d	4.252	84	187152	53.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.860%			
26) 1,2-Dichloroethane-d4	4.947	65	117305	54.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.060%			
32) Benzene-d6	4.963	84	328041	54.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.440%			
36) 1,2-Dichloropropane-d6	5.995	67	111185	52.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.660%			
41) Toluene-d8	7.249	98	309213	56.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.420%			
43) trans-1,3-Dichloroprop...	7.558	79	52760	50.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.880%			
47) 2-Hexanone-d5	8.030	63	80199	95.598	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.600%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	151677	47.294	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.580%			
66) 1,2-Dichlorobenzene-d4	11.567	152	117375	46.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	95537	43.262	ug/L	99
3) Chloromethane	1.217	50	101373	48.647	ug/L	99
5) Vinyl chloride	1.282	62	98270	47.572	ug/L	98
6) Bromomethane	1.484	94	55116	40.937	ug/L	96
8) Chloroethane	1.548	64	56556	42.390	ug/L	94
9) Trichlorofluoromethane	1.712	101	142558	41.482	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84674	45.976	ug/L	98
12) 1,1-Dichloroethene	2.073	96	69573	45.162	ug/L	98
13) Acetone	2.114	43	107598	97.188	ug/L	94
14) Carbon disulfide	2.243	76	198051	42.502	ug/L	99
15) Methyl Acetate	2.375	43	97345	52.224	ug/L	97
16) Methylene chloride	2.449	84	85718	44.382	ug/L	95
17) trans-1,2-Dichloroethene	2.696	96	70198	43.654	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	249118	46.429	ug/L	99
19) 1,1-Dichloroethane	3.114	63	161171	46.439	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	81215	46.735	ug/L	96
22) 2-Butanone	3.870	43	135526	97.990	ug/L	98
23) Bromochloromethane	4.150	128	41901	44.606	ug/L	95
25) Chloroform	4.281	83	163803	45.402	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	132510	47.589	ug/L	100
29) Cyclohexane	4.587	56	119479	43.120	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	149416	43.758	ug/L	98
31) Carbon tetrachloride	4.738	117	132534	43.806	ug/L	99
33) Benzene	5.015	78	315369	44.476	ug/L	100
34) Trichloroethene	5.838	95	85235	44.984	ug/L	90
35) Methylcyclohexane	6.056	83	120858	43.290	ug/L	98
37) 1,2-Dichloropropane	6.098	63	90845	43.630	ug/L	100
38) Bromodichloromethane	6.436	83	124001	44.060	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	131132	42.426	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	258873	105.883	ug/L	98
42) Toluene	7.320	91	331469	45.086	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	140530	46.689	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	88900	45.197	ug/L	96
46) Tetrachloroethene	7.912	164	63055	42.401	ug/L	99
48) 2-Hexanone	8.079	43	212858	109.011	ug/L	95
49) Dibromochloromethane	8.182	129	96496	44.141	ug/L	99
50) 1,2-Dibromoethane	8.288	107	91321	43.603	ug/L	100
51) Chlorobenzene	8.818	112	212696	43.682	ug/L	99
52) Ethylbenzene	8.953	91	362379	44.174	ug/L	100
53) m,p-Xylene	9.079	106	134470	44.760	ug/L	97
54) o-Xylene	9.484	106	128367	45.026	ug/L	99
55) Styrene	9.500	104	242179	47.565	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	141417	44.003	ug/L	93
59) Bromoform	9.670	173	74572	45.474	ug/L #	100
60) Isopropylbenzene	9.873	105	357865	42.431	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	116524	44.594	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	292428	41.951	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	272316	41.927	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	179846	42.532	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	189772	42.116	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	182816	42.836	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	35556	45.846	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	135228	41.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	123386	43.689	ug/L	97
71) Naphthalene	13.445	128	335223	46.861	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	138901	47.329	ug/L	98

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

