

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024326.D
 Acq On : 12 Jan 2022 12:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

Quant Time: Jan 13 02:26:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	244591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	136062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	86595	49.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.380%			
7) Chloroethane-d5	1.571	69	69284	51.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.620%			
11) 1,1-Dichloroethene-d2	2.111	63	166431	50.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.180%			
21) 2-Butanone-d5	3.886	46	96671	98.570	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.570%			
24) Chloroform-d	4.346	84	177203	55.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.160%			
26) 1,2-Dichloroethane-d4	5.027	65	113230	52.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.140%			
32) Benzene-d6	5.047	84	328406	53.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.260%			
36) 1,2-Dichloropropane-d6	6.066	67	94598	54.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.220%			
41) Toluene-d8	7.313	98	329758	55.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.200%			
43) trans-1,3-Dichloroprop...	7.619	79	52136	52.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.540%			
47) 2-Hexanone-d5	8.085	63	72405	96.206	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.210%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	127615	51.550	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.100%			
66) 1,2-Dichlorobenzene-d4	11.622	152	140177	51.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	92911	47.085	ug/L	99
3) Chloromethane	1.243	50	80160	48.352	ug/L	96
5) Vinyl chloride	1.314	62	85704	48.858	ug/L	95
6) Bromomethane	1.526	94	57828	57.852	ug/L	98
8) Chloroethane	1.587	64	53047	48.994	ug/L	99
9) Trichlorofluoromethane	1.754	101	156923	49.768	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	80550	52.272	ug/L	99
12) 1,1-Dichloroethene	2.121	96	74449	49.971	ug/L	90
13) Acetone	2.182	43	103475	106.862	ug/L	100
14) Carbon disulfide	2.298	76	184382	42.623	ug/L	98
15) Methyl Acetate	2.433	43	69882	49.620	ug/L	96
16) Methylene chloride	2.507	84	82372	50.771	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	77271	50.332	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	245487	51.883	ug/L	99
19) 1,1-Dichloroethane	3.188	63	133767	52.532	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	85456	52.120	ug/L	96
22) 2-Butanone	3.970	43	105614	102.679	ug/L	97
23) Bromochloromethane	4.243	128	49309	52.193	ug/L	92
25) Chloroform	4.371	83	158163	53.125	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	119884	49.507	ug/L	98
29) Cyclohexane	4.677	56	105133	49.653	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	147141	50.488	ug/L	99
31) Carbon tetrachloride	4.825	117	134036	49.574	ug/L	100
33) Benzene	5.095	78	310820	51.607	ug/L	100
34) Trichloroethene	5.908	95	86964	52.361	ug/L	98
35) Methylcyclohexane	6.127	83	123548	50.158	ug/L	98
37) 1,2-Dichloropropane	6.169	63	77214	54.506	ug/L	97
38) Bromodichloromethane	6.506	83	116237	52.289	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	130156	54.657	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	189167	102.404	ug/L	99
42) Toluene	7.384	91	357522	52.882	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	129549	53.630	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	83622	52.655	ug/L	98
46) Tetrachloroethene	7.973	164	77731	51.420	ug/L	98
48) 2-Hexanone	8.137	43	159611	107.576	ug/L	98
49) Dibromochloromethane	8.243	129	104478	52.484	ug/L	98
50) 1,2-Dibromoethane	8.349	107	89139	52.258	ug/L	100
51) Chlorobenzene	8.879	112	237923	52.248	ug/L	100
52) Ethylbenzene	9.011	91	380480	52.679	ug/L	99
53) m,p-Xylene	9.137	106	153466	53.009	ug/L	95
54) o-Xylene	9.542	106	148204	53.627	ug/L	100
55) Styrene	9.558	104	262525	54.701	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	116549	50.259	ug/L	98
59) Bromoform	9.728	173	75351	48.567	ug/L	99
60) Isopropylbenzene	9.928	105	396831	52.707	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	99169	49.636	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	342693	52.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	350229	54.168	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	210384	54.194	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	211821	52.909	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	208310	52.066	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	24736	42.987	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	159359	53.369	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	133993	52.470	ug/L	99
71) Naphthalene	13.500	128	359295	48.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	134975	51.140	ug/L	99

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

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