

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101222\
 Data File : VW028525.D
 Acq On : 12 Oct 2022 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050359

Quant Time: Oct 13 02:54:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	324506	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	291585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	157053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135761	54.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.440%	
7) Chloroethane-d5	1.564	69	97408	49.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 98.120%	
11) 1,1-Dichloroethene-d2	2.101	63	221840	52.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.120%	
21) 2-Butanone-d5	3.886	46	224684	102.506	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 102.510%	
24) Chloroform-d	4.336	84	272040	59.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.480%	
26) 1,2-Dichloroethane-d4	5.021	65	185659	62.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 125.380%#	
32) Benzene-d6	5.040	84	529082	56.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.260%	
36) 1,2-Dichloropropane-d6	6.059	67	161298	52.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.900%	
41) Toluene-d8	7.307	98	480319	57.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.840%	
43) trans-1,3-Dichloroprop...	7.612	79	89947	57.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 115.860%	
47) 2-Hexanone-d5	8.082	63	161768	97.618	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 97.620%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	201344	48.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 96.600%	
66) 1,2-Dichlorobenzene-d4	11.612	152	172182	52.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	138476	56.676	ug/L	99
3) Chloromethane	1.236	50	120377	43.764	ug/L	99
5) Vinyl chloride	1.307	62	119130	43.157	ug/L	99
6) Bromomethane	1.519	94	56940	45.239	ug/L	100
8) Chloroethane	1.580	64	71324	42.565	ug/L	97
9) Trichlorofluoromethane	1.748	101	188394	55.225	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	89457	46.269	ug/L	94
12) 1,1-Dichloroethene	2.111	96	85125	44.849	ug/L	86
13) Acetone	2.185	43	172959	101.863	ug/L	85
14) Carbon disulfide	2.288	76	314083	51.742	ug/L	99
15) Methyl Acetate	2.432	43	138933	48.462	ug/L	99
16) Methylene chloride	2.500	84	128595	52.135	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	117901	53.255	ug/L	97
18) Methyl tert-butyl Ether	2.760	73	454581	55.855	ug/L	96
19) 1,1-Dichloroethane	3.178	63	243231	53.782	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	134540	53.345	ug/L	99
22) 2-Butanone	3.969	43	222654	99.470	ug/L	93
23) Bromochloromethane	4.239	128	66869	54.557	ug/L	94
25) Chloroform	4.362	83	244726	55.429	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	202563	59.880	ug/L	98
29) Cyclohexane	4.667	56	213248	50.846	ug/L	96
30) 1,1,1-Trichloroethane	4.596	97	222447	59.054	ug/L	98
31) Carbon tetrachloride	4.818	117	191741	60.808	ug/L	97
33) Benzene	5.088	78	503471	52.500	ug/L	100
34) Trichloroethene	5.905	95	124200	52.206	ug/L	98
35) Methylcyclohexane	6.120	83	212209	51.307	ug/L	98
37) 1,2-Dichloropropane	6.165	63	127661	49.653	ug/L	100
38) Bromodichloromethane	6.500	83	183950	54.917	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	221741	54.213	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	433937	98.960	ug/L	98
42) Toluene	7.378	91	526026	53.215	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	215152	54.809	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	120000	50.391	ug/L	99
46) Tetrachloroethene	7.966	164	95596	55.923	ug/L	97
48) 2-Hexanone	8.133	43	335136	99.557	ug/L	98
49) Dibromochloromethane	8.236	129	136246	53.227	ug/L	98
50) 1,2-Dibromoethane	8.342	107	120903	49.033	ug/L	100
51) Chlorobenzene	8.873	112	321835	51.894	ug/L	99
52) Ethylbenzene	9.005	91	575056	53.375	ug/L	100
53) m,p-Xylene	9.130	106	216589	53.038	ug/L	99
54) o-Xylene	9.535	106	211701	51.775	ug/L	95
55) Styrene	9.551	104	373650	53.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	189766	46.531	ug/L	99
59) Bromoform	9.722	173	96786	49.765	ug/L	99
60) Isopropylbenzene	9.921	105	577985	51.072	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	153858	46.017	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	509184	51.949	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	499466	51.338	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	257417	52.005	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	254031	51.432	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	254930	51.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	48803	47.698	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	203938	54.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	184171	55.579	ug/L	100
71) Naphthalene	13.490	128	538920	52.289	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	180040	55.728	ug/L	99

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

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