

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028803.D
 Acq On : 01 Nov 2022 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

Quant Time: Nov 02 05:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	424847	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	394849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	197142	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	188449	46.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.580%
7) Chloroethane-d5	1.565	69	174132	50.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	2.105	63	371501	48.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.980%
21) 2-Butanone-d5	3.873	46	296169	101.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.020%
24) Chloroform-d	4.339	84	299929	49.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	5.024	65	199169	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
32) Benzene-d6	5.043	84	601466	48.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	206678	48.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	7.310	98	532571	49.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
43) trans-1,3-Dichloroprop...	7.616	79	75921	46.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
47) 2-Hexanone-d5	8.082	63	189902	99.301	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	270272	48.434	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.860%
66) 1,2-Dichlorobenzene-d4	11.616	152	182768	46.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151000	48.328	ug/L	100
3) Chloromethane	1.240	50	255139	49.066	ug/L	99
5) Vinyl chloride	1.311	62	243756	51.033	ug/L	98
6) Bromomethane	1.520	94	126384	47.955	ug/L	94
8) Chloroethane	1.581	64	165780	54.049	ug/L	100
9) Trichlorofluoromethane	1.748	101	286723	50.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	158607	49.282	ug/L	99
12) 1,1-Dichloroethene	2.114	96	159890	50.459	ug/L	96
13) Acetone	2.166	43	215190	75.809	ug/L	98
14) Carbon disulfide	2.291	76	422868	47.842	ug/L	99
15) Methyl Acetate	2.426	43	236938	49.733	ug/L	100
16) Methylene chloride	2.500	84	190079	49.440	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	152664	49.808	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	524591	49.546	ug/L	99
19) 1,1-Dichloroethane	3.182	63	332333	49.763	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	171776	50.794	ug/L #	99
22) 2-Butanone	3.957	43	327298	93.857	ug/L	98
23) Bromochloromethane	4.240	128	80438	49.973	ug/L	99
25) Chloroform	4.365	83	310659	50.076	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	259561	51.233	ug/L	100
29) Cyclohexane	4.670	56	315620	50.096	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	250973	50.426	ug/L	99
31) Carbon tetrachloride	4.822	117	199284	50.115	ug/L	99
33) Benzene	5.092	78	712622	51.265	ug/L	100
34) Trichloroethene	5.908	95	162105	49.867	ug/L	98
35) Methylcyclohexane	6.124	83	283906	49.241	ug/L	99
37) 1,2-Dichloropropane	6.166	63	196185	51.009	ug/L	100
38) Bromodichloromethane	6.503	83	225487	51.606	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	252928	48.153	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	650628	101.718	ug/L	100
42) Toluene	7.381	91	721903	50.934	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	234355	48.249	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	167253	50.689	ug/L	99
46) Tetrachloroethene	7.969	164	108470	48.144	ug/L	97
48) 2-Hexanone	8.133	43	500304	102.699	ug/L	98
49) Dibromochloromethane	8.239	129	154763	50.669	ug/L	98
50) 1,2-Dibromoethane	8.346	107	169439	50.965	ug/L	100
51) Chlorobenzene	8.873	112	428185	49.337	ug/L	98
52) Ethylbenzene	9.005	91	783334	51.376	ug/L	99
53) m,p-Xylene	9.130	106	286941	51.598	ug/L	99
54) o-Xylene	9.535	106	284427	51.230	ug/L	100
55) Styrene	9.551	104	493966	51.882	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	292381	50.205	ug/L	100
59) Bromoform	9.722	173	98606	50.388	ug/L	99
60) Isopropylbenzene	9.924	105	743808	49.655	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	225304	48.097	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	629889	50.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	623797	50.140	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	312295	49.420	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	314016	48.770	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	320084	49.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	56307	47.182	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	218999	48.328	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	187338	48.310	ug/L	98
71) Naphthalene	13.490	128	583302	46.199	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	193404	49.274	ug/L	99

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

