

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028439.D
 Acq On : 08 Oct 2022 04:50
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

Quant Time: Oct 08 05:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	358164	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	325999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	165922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115815	41.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.820%
7) Chloroethane-d5	1.564	69	95694	43.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.340%
11) 1,1-Dichloroethene-d2	2.105	63	200615	42.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.300%
21) 2-Butanone-d5	3.892	46	258311	106.772	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.770%
24) Chloroform-d	4.342	84	262560	51.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.027	65	173663	53.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
32) Benzene-d6	5.043	84	528467	50.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
36) 1,2-Dichloropropane-d6	6.063	67	168656	49.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	7.310	98	476759	50.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.960%
43) trans-1,3-Dichloroprop...	7.616	79	84855	48.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
47) 2-Hexanone-d5	8.082	63	194870	105.180	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	229672	49.279	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	11.615	152	177675	51.680	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	134206	49.767	ug/L	99
3) Chloromethane	1.240	50	132189	43.542	ug/L	99
5) Vinyl chloride	1.307	62	129405	42.474	ug/L	100
6) Bromomethane	1.519	94	53275	38.349	ug/L	98
8) Chloroethane	1.584	64	75499	40.822	ug/L	98
9) Trichlorofluoromethane	1.751	101	175177	46.525	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86402	40.489	ug/L	95
12) 1,1-Dichloroethene	2.114	96	88849	42.412	ug/L	99
13) Acetone	2.195	43	146610	78.231	ug/L	95
14) Carbon disulfide	2.288	76	308991	46.120	ug/L	100
15) Methyl Acetate	2.436	43	156407	49.430	ug/L	99
16) Methylene chloride	2.503	84	128135	47.067	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	114206	46.738	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	436663	48.611	ug/L	98
19) 1,1-Dichloroethane	3.185	63	232662	46.610	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	132776	47.698	ug/L	95
22) 2-Butanone	3.982	43	239728	97.033	ug/L	98
23) Bromochloromethane	4.243	128	65666	48.541	ug/L	94
25) Chloroform	4.368	83	233738	47.965	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	184526	49.422	ug/L	99
29) Cyclohexane	4.670	56	209401	44.658	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	207711	49.321	ug/L	99
31) Carbon tetrachloride	4.822	117	178038	50.502	ug/L	97
33) Benzene	5.095	78	499903	46.625	ug/L	100
34) Trichloroethene	5.908	95	122137	45.920	ug/L	96
35) Methylcyclohexane	6.127	83	206051	44.559	ug/L	98
37) 1,2-Dichloropropane	6.169	63	132265	46.013	ug/L	100
38) Bromodichloromethane	6.506	83	179525	47.938	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	202274	44.233	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	464285	94.704	ug/L	99
42) Toluene	7.381	91	518130	46.883	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	196912	44.867	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	124797	46.873	ug/L	99
46) Tetrachloroethene	7.969	164	91304	47.774	ug/L	98
48) 2-Hexanone	8.136	43	354225	94.119	ug/L	99
49) Dibromochloromethane	8.239	129	133960	46.809	ug/L	100
50) 1,2-Dibromoethane	8.345	107	127738	46.336	ug/L	100
51) Chlorobenzene	8.876	112	324828	46.847	ug/L	97
52) Ethylbenzene	9.005	91	566144	47.001	ug/L	100
53) m,p-Xylene	9.130	106	213957	46.863	ug/L	99
54) o-Xylene	9.535	106	214961	47.022	ug/L	100
55) Styrene	9.554	104	371511	47.323	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	203598	44.653	ug/L	100
59) Bromoform	9.725	173	97819	47.607	ug/L	99
60) Isopropylbenzene	9.924	105	568679	47.564	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	164344	46.526	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	491246	47.440	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	484805	47.167	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	247841	47.394	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	245740	47.094	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	250967	47.550	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	52208	48.298	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	183147	46.112	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	166116	47.451	ug/L	99
71) Naphthalene	13.490	128	519116	47.675	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	167039	48.940	ug/L	99

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

