

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022023\
 Data File : VW030070.D
 Acq On : 20 Feb 2023 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050283

Quant Time: Feb 20 22:57:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 01:04:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	449480	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	428290	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	266168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111998	35.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.100%
7) Chloroethane-d5	1.535	69	98301	40.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.066	63	240799	39.389	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.780%
21) 2-Butanone-d5	3.793	46	182148	91.333	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.330%
24) Chloroform-d	4.256	84	255722	43.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
26) 1,2-Dichloroethane-d4	4.947	65	148232	42.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
32) Benzene-d6	4.966	84	467236	41.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	5.995	67	156251	43.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	7.249	98	446293	41.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.140%
43) trans-1,3-Dichloroprop...	7.558	79	78825	43.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
47) 2-Hexanone-d5	8.030	63	155498	92.217	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	251087	46.280	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.560%
66) 1,2-Dichlorobenzene-d4	11.570	152	207472	43.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	244069	51.299	ug/L	100
3) Chloromethane	1.217	50	293540	48.082	ug/L	99
5) Vinyl chloride	1.285	62	214172	50.377	ug/L	99
6) Bromomethane	1.490	94	42031	54.388	ug/L	99
8) Chloroethane	1.552	64	126948	51.178	ug/L	100
9) Trichlorofluoromethane	1.715	101	289350	51.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	177227	51.383	ug/L	98
12) 1,1-Dichloroethene	2.072	96	156355	50.392	ug/L	96
13) Acetone	2.124	43	155757	101.757	ug/L	100
14) Carbon disulfide	2.246	76	447235	48.745	ug/L	100
15) Methyl Acetate	2.378	43	152791	48.005	ug/L	100
16) Methylene chloride	2.452	84	168535	49.614	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	159259	50.211	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	516059	51.126	ug/L	99
19) 1,1-Dichloroethane	3.117	63	297333	50.861	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	179836	51.269	ug/L	99
22) 2-Butanone	3.876	43	212974	99.167	ug/L	99
23) Bromochloromethane	4.156	128	95081	50.840	ug/L	97
25) Chloroform	4.285	83	307937	51.669	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	226121	50.800	ug/L	99
29) Cyclohexane	4.590	56	259343	51.966	ug/L	100
30) 1,1,1-Trichloroethane	4.522	97	275466	51.776	ug/L	99
31) Carbon tetrachloride	4.744	117	242503	51.920	ug/L	99
33) Benzene	5.018	78	645423	51.078	ug/L	100
34) Trichloroethene	5.838	95	179910	52.311	ug/L	98
35) Methylcyclohexane	6.059	83	282021	51.656	ug/L	99
37) 1,2-Dichloropropane	6.098	63	172134	51.726	ug/L	100
38) Bromodichloromethane	6.439	83	232152	51.939	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	292137	52.223	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	420703	101.691	ug/L	100
42) Toluene	7.323	91	710544	51.388	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	268824	52.840	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	176592	51.129	ug/L	100
46) Tetrachloroethene	7.911	164	151871	52.527	ug/L	99
48) 2-Hexanone	8.082	43	318930	100.031	ug/L	99
49) Dibromochloromethane	8.185	129	187443	52.346	ug/L	99
50) 1,2-Dibromoethane	8.288	107	193779	51.141	ug/L	99
51) Chlorobenzene	8.821	112	472709	51.298	ug/L	99
52) Ethylbenzene	8.953	91	798935	52.185	ug/L	100
53) m,p-Xylene	9.082	106	307282	52.534	ug/L	99
54) o-Xylene	9.487	106	299236	53.085	ug/L	97
55) Styrene	9.503	104	522181	54.226	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	289228	51.227	ug/L	99
59) Bromoform	9.673	173	143569	54.468	ug/L	100
60) Isopropylbenzene	9.876	105	821406	51.896	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	215495	48.933	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	685904	52.322	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	684019	53.089	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	409331	51.317	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	412744	50.571	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	405740	51.090	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	62105	48.338	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	325201	51.090	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	300252	50.187	ug/L	100
71) Naphthalene	13.448	128	859138	49.508	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	295739	50.369	ug/L	100

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

