

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031683.D
 Acq On : 11 Jul 2023 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050388

Quant Time: Jul 12 08:13:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:50:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	306408	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	321573	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	191266	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112373	40.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.040%
7) Chloroethane-d5	1.532	69	100669	50.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.320%
11) 1,1-Dichloroethene-d2	2.060	65	56827	45.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
21) 2-Butanone-d5	3.789	46	183914	103.772	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.770%
24) Chloroform-d	4.256	84	268510	48.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
26) 1,2-Dichloroethane-d4	4.947	65	163052	46.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
32) Benzene-d6	4.966	84	459917	47.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.995	67	158260	50.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.540%
41) Toluene-d8	7.249	98	432960	49.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
43) trans-1,3-Dichloroprop...	7.558	79	72345	46.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
47) 2-Hexanone-d5	8.030	63	119564	100.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	230809	48.884	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	11.567	152	163210	46.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	173459	45.540	ug/L	100
3) Chloromethane	1.217	50	165096	41.895	ug/L	98
5) Vinyl chloride	1.285	62	157138	42.579	ug/L	100
6) Bromomethane	1.484	94	108937	51.664	ug/L	98
8) Chloroethane	1.548	64	100197	49.239	ug/L	100
9) Trichlorofluoromethane	1.715	101	255792	48.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	144612	47.506	ug/L	98
12) 1,1-Dichloroethene	2.072	96	122592	46.339	ug/L	92
13) Acetone	2.111	43	117625	76.802	ug/L	100
14) Carbon disulfide	2.243	76	413604	47.482	ug/L	100
15) Methyl Acetate	2.375	43	170288	52.752	ug/L	96
16) Methylene chloride	2.449	84	153116	48.960	ug/L	94
17) trans-1,2-Dichloroethene	2.699	96	130232	48.193	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	401160	48.781	ug/L	99
19) 1,1-Dichloroethane	3.114	63	273832	49.566	ug/L	97
20) cis-1,2-Dichloroethene	3.821	96	134553	48.538	ug/L	93
22) 2-Butanone	3.870	43	211530	99.686	ug/L	98
23) Bromochloromethane	4.153	128	74762	49.602	ug/L	93
25) Chloroform	4.285	83	283815	50.087	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031683.D
 Acq On : 11 Jul 2023 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050388

Quant Time: Jul 12 08:13:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:50:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	219303	52.094	ug/L	99
29) Cyclohexane	4.590	56	207463	49.210	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	248678	49.490	ug/L	99
31) Carbon tetrachloride	4.741	117	216124	48.530	ug/L	100
33) Benzene	5.018	78	558371	50.915	ug/L	100
34) Trichloroethene	5.838	95	151295	49.032	ug/L	94
35) Methylcyclohexane	6.056	83	208619	49.673	ug/L	98
37) 1,2-Dichloropropane	6.098	63	158695	51.764	ug/L	98
38) Bromodichloromethane	6.439	83	209629	50.442	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	222316	47.937	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	429489	112.636	ug/L	98
42) Toluene	7.320	91	594735	52.514	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	230090	49.734	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	150236	49.497	ug/L	98
46) Tetrachloroethene	7.911	164	110297	47.016	ug/L	98
48) 2-Hexanone	8.079	43	340887	106.371	ug/L	97
49) Dibromochloromethane	8.181	129	162070	48.080	ug/L	97
50) 1,2-Dibromoethane	8.288	107	163555	48.901	ug/L	96
51) Chlorobenzene	8.821	112	362540	48.293	ug/L	99
52) Ethylbenzene	8.953	91	622286	50.500	ug/L	97
53) m,p-Xylene	9.079	106	230092	50.648	ug/L	95
54) o-Xylene	9.484	106	215496	51.217	ug/L	96
55) Styrene	9.500	104	418512	54.032	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	236527	50.194	ug/L	98
59) Bromoform	9.670	173	124902	51.103	ug/L #	96
60) Isopropylbenzene	9.873	105	593895	50.850	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	200647	50.438	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	479519	50.247	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	490584	51.611	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	294970	48.624	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	310412	47.179	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	297452	47.809	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	59580	49.086	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	210472	46.313	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	182371	45.288	ug/L	100
71) Naphthalene	13.445	128	570440	48.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	203816	48.274	ug/L	99

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

