

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070323\
 Data File : VW031630.D
 Acq On : 03 Jul 2023 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

Quant Time: Jul 04 06:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	233460	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	235839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	147982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78436	50.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.960%
7) Chloroethane-d5	1.532	69	70768	52.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.059	65	38504	48.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.160%
21) 2-Butanone-d5	3.789	46	123759	98.368	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.370%
24) Chloroform-d	4.252	84	183424	47.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	4.944	65	112194	46.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
32) Benzene-d6	4.963	84	291154	43.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	5.992	67	105159	44.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.380%
41) Toluene-d8	7.246	98	266752	43.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
43) trans-1,3-Dichloroprop...	7.554	79	49759	43.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	8.030	63	90703	97.637	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.640%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	168703	47.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	112440	39.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	114910	46.404	ug/L	99
3) Chloromethane	1.217	50	116190	49.724	ug/L	98
5) Vinyl chloride	1.285	62	114886	49.598	ug/L	100
6) Bromomethane	1.487	94	74209	49.154	ug/L	100
8) Chloroethane	1.548	64	73618	49.207	ug/L	97
9) Trichlorofluoromethane	1.715	101	178427	46.301	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	102602	49.682	ug/L	95
12) 1,1-Dichloroethene	2.072	96	83599	48.395	ug/L	96
13) Acetone	2.114	43	158681	127.819	ug/L	96
14) Carbon disulfide	2.243	76	237283	45.410	ug/L	99
15) Methyl Acetate	2.375	43	108013	51.677	ug/L	99
16) Methylene chloride	2.449	84	97366	44.958	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	80395	44.586	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	270545	44.966	ug/L	98
19) 1,1-Dichloroethane	3.114	63	185530	47.673	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	87675	44.993	ug/L	99
22) 2-Butanone	3.870	43	163284	105.285	ug/L	97
23) Bromochloromethane	4.149	128	47858	45.435	ug/L	91
25) Chloroform	4.278	83	188682	46.639	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070323\
 Data File : VW031630.D
 Acq On : 03 Jul 2023 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

Quant Time: Jul 04 06:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	148694	47.623	ug/L	99
29) Cyclohexane	4.590	56	133231	43.421	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	169987	44.956	ug/L	97
31) Carbon tetrachloride	4.738	117	151583	45.245	ug/L	100
33) Benzene	5.014	78	360964	45.971	ug/L	100
34) Trichloroethene	5.837	95	92092	43.891	ug/L	97
35) Methylcyclohexane	6.056	83	132156	42.748	ug/L	96
37) 1,2-Dichloropropane	6.098	63	108998	47.273	ug/L	100
38) Bromodichloromethane	6.436	83	145245	46.605	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	157744	46.089	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	283429	104.688	ug/L	96
42) Toluene	7.320	91	384456	47.224	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	156793	47.042	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	102259	46.949	ug/L	100
46) Tetrachloroethene	7.911	164	70561	42.848	ug/L	98
48) 2-Hexanone	8.079	43	245348	113.468	ug/L	95
49) Dibromochloromethane	8.181	129	110809	45.775	ug/L	99
50) 1,2-Dibromoethane	8.284	107	105879	45.653	ug/L	96
51) Chlorobenzene	8.818	112	242868	45.043	ug/L	98
52) Ethylbenzene	8.950	91	409271	45.053	ug/L	99
53) m,p-Xylene	9.079	106	151922	45.667	ug/L	97
54) o-Xylene	9.484	106	141615	44.858	ug/L	100
55) Styrene	9.500	104	275569	48.876	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	168935	47.469	ug/L	93
59) Bromoform	9.670	173	82705	45.087	ug/L	98
60) Isopropylbenzene	9.873	105	397900	42.176	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	133253	45.590	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	317383	40.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	295519	40.676	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	201620	42.627	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	211527	41.968	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	202597	42.439	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	38998	44.954	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	147004	40.789	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	130063	41.171	ug/L	100
71) Naphthalene	13.445	128	348172	43.512	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	142107	43.288	ug/L	98

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

