

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024344.D
 Acq On : 13 Jan 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050383

Quant Time: Jan 13 14:05:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	234380	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81125	48.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.180%
7) Chloroethane-d5	1.568	69	63026	49.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.380%
11) 1,1-Dichloroethene-d2	2.111	63	158728	50.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.700%
21) 2-Butanone-d5	3.883	46	98327	104.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.630%
24) Chloroform-d	4.346	84	167966	54.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.960%
26) 1,2-Dichloroethane-d4	5.027	65	106513	51.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
32) Benzene-d6	5.047	84	313146	54.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
36) 1,2-Dichloropropane-d6	6.066	67	88386	54.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.820%
41) Toluene-d8	7.313	98	307546	55.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.620%
43) trans-1,3-Dichloroprop...	7.619	79	49330	53.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.440%
47) 2-Hexanone-d5	8.085	63	73285	104.797	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	122263	53.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	131659	52.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85194	45.055	ug/L	100
3) Chloromethane	1.243	50	74064	46.621	ug/L	99
5) Vinyl chloride	1.314	62	80775	48.054	ug/L	94
6) Bromomethane	1.523	94	53439	55.791	ug/L	98
8) Chloroethane	1.587	64	49737	47.938	ug/L	98
9) Trichlorofluoromethane	1.754	101	151042	49.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	79520	53.852	ug/L	99
12) 1,1-Dichloroethene	2.121	96	72236	50.598	ug/L	96
13) Acetone	2.179	43	108263	116.677	ug/L	100
14) Carbon disulfide	2.294	76	172727	41.669	ug/L	99
15) Methyl Acetate	2.433	43	68084	50.449	ug/L	100
16) Methylene chloride	2.507	84	78727	50.638	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	74954	50.950	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	243136	53.625	ug/L	99
19) 1,1-Dichloroethane	3.188	63	131518	53.899	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	83505	53.148	ug/L	98
22) 2-Butanone	3.966	43	109111	110.700	ug/L	94
23) Bromochloromethane	4.246	128	47226	52.166	ug/L	97
25) Chloroform	4.371	83	150996	52.927	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024344.D
 Acq On : 13 Jan 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050383

Quant Time: Jan 13 14:05:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	117426	50.605	ug/L	97
29) Cyclohexane	4.677	56	103260	52.486	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	145134	53.595	ug/L	99
31) Carbon tetrachloride	4.825	117	131858	52.486	ug/L	99
33) Benzene	5.095	78	303873	54.300	ug/L	100
34) Trichloroethene	5.912	95	84539	54.781	ug/L	98
35) Methylcyclohexane	6.130	83	122544	53.543	ug/L	97
37) 1,2-Dichloropropane	6.172	63	71432	54.268	ug/L	99
38) Bromodichloromethane	6.506	83	111909	54.179	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	119730	54.111	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	190986	111.270	ug/L	99
42) Toluene	7.384	91	344515	54.842	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124711	55.562	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	80364	54.461	ug/L	98
46) Tetrachloroethene	7.973	164	75518	53.764	ug/L	98
48) 2-Hexanone	8.136	43	164539	119.351	ug/L	99
49) Dibromochloromethane	8.243	129	98633	53.325	ug/L	97
50) 1,2-Dibromoethane	8.349	107	85405	53.885	ug/L	95
51) Chlorobenzene	8.879	112	231453	54.702	ug/L	99
52) Ethylbenzene	9.008	91	370081	55.145	ug/L	99
53) m,p-Xylene	9.136	106	149220	55.471	ug/L	97
54) o-Xylene	9.542	106	143665	55.947	ug/L	99
55) Styrene	9.558	104	256150	57.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	113924	52.872	ug/L	97
59) Bromoform	9.728	173	71775	49.582	ug/L	98
60) Isopropylbenzene	9.931	105	390922	55.648	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	95384	51.167	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	336745	55.727	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	340739	56.482	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	202539	55.917	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	202133	54.113	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	200945	53.829	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	24997	46.558	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	152858	54.865	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	131155	55.044	ug/L	100
71) Naphthalene	13.500	128	360050	52.229	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	131506	53.401	ug/L	99

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

