

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030122\
 Data File : VW024841.D
 Acq On : 01 Mar 2022 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Mar 02 01:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	316138	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	307672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	158382	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	139330	43.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.680%
7) Chloroethane-d5	1.568	69	113215	44.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.108	63	245197	45.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.900%
21) 2-Butanone-d5	3.883	46	183655	100.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.390%
24) Chloroform-d	4.342	84	260489	46.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	5.024	65	151671	45.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
32) Benzene-d6	5.043	84	522228	45.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.580%
36) 1,2-Dichloropropane-d6	6.063	67	163701	46.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.140%
41) Toluene-d8	7.310	98	466488	46.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
43) trans-1,3-Dichloroprop...	7.616	79	74104	47.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
47) 2-Hexanone-d5	8.082	63	136477	101.196	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	200302	47.530	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.060%
66) 1,2-Dichlorobenzene-d4	11.619	152	168185	46.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	150357	50.374	ug/L	99
3) Chloromethane	1.243	50	149432	48.392	ug/L	99
5) Vinyl chloride	1.310	62	156734	49.469	ug/L	99
6) Bromomethane	1.523	94	98230	51.900	ug/L	98
8) Chloroethane	1.584	64	94582	50.938	ug/L	97
9) Trichlorofluoromethane	1.751	101	205802	50.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124934	51.995	ug/L	99
12) 1,1-Dichloroethene	2.117	96	116199	49.657	ug/L	91
13) Acetone	2.182	43	173945	124.519	ug/L	99
14) Carbon disulfide	2.291	76	365830	51.174	ug/L	99
15) Methyl Acetate	2.432	43	124798	52.005	ug/L	100
16) Methylene chloride	2.503	84	138709	50.614	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	130960	51.747	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	397051	51.456	ug/L	100
19) 1,1-Dichloroethane	3.185	63	231636	50.763	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	141169	51.532	ug/L	98
22) 2-Butanone	3.963	43	206020	128.617	ug/L	100
23) Bromochloromethane	4.243	128	69744	50.906	ug/L	98
25) Chloroform	4.368	83	242317	51.121	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030122\
 Data File : VW024841.D
 Acq On : 01 Mar 2022 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Mar 02 01:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	168729	51.010	ug/L	99
29) Cyclohexane	4.674	56	214633	53.331	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	206605	50.996	ug/L	99
31) Carbon tetrachloride	4.821	117	176329	51.189	ug/L	98
33) Benzene	5.092	78	534804	51.505	ug/L	100
34) Trichloroethene	5.908	95	149596	52.555	ug/L	99
35) Methylcyclohexane	6.127	83	233800	54.137	ug/L	100
37) 1,2-Dichloropropane	6.169	63	133290	51.156	ug/L	99
38) Bromodichloromethane	6.503	83	175829	51.496	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	211484	53.928	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	327314	105.364	ug/L	99
42) Toluene	7.381	91	566713	52.304	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	193966	53.838	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	128827	50.886	ug/L	99
46) Tetrachloroethene	7.972	164	95476	51.936	ug/L	97
48) 2-Hexanone	8.133	43	277690	113.581	ug/L	98
49) Dibromochloromethane	8.243	129	130393	53.297	ug/L	97
50) 1,2-Dibromoethane	8.345	107	135641	51.953	ug/L	99
51) Chlorobenzene	8.876	112	352123	51.516	ug/L	100
52) Ethylbenzene	9.008	91	608838	53.277	ug/L	99
53) m,p-Xylene	9.133	106	235492	53.629	ug/L	99
54) o-Xylene	9.538	106	227718	53.669	ug/L	98
55) Styrene	9.554	104	390474	54.239	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	179672	50.739	ug/L	99
59) Bromoform	9.725	173	76756	53.200	ug/L	98
60) Isopropylbenzene	9.927	105	601608	52.304	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	156885	49.504	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	413702	53.308	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	509603	53.575	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	260309	51.574	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	262552	50.810	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	257930	50.777	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	37487	51.816	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	178419	52.367	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	160892	54.200	ug/L	99
71) Naphthalene	13.496	128	534171	55.539	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	157743	53.889	ug/L	99

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

