

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019536.D
 Acq On : 11 Dec 2020 01:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Dec 11 02:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	648629	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	597543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	284422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	231322	49.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.46%
7) Chloroethane-d5	1.57	69	191478	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.11	63	429120	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.42%
21) 2-Butanone-d5	3.90	46	290395	114.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.87%
24) Chloroform-d	4.35	84	442348	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
26) 1,2-Dichloroethane-d4	5.04	65	299060	54.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.18%
32) Benzene-d6	5.05	84	834432	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
36) 1,2-Dichloropropane-d6	6.07	67	266551	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.32	98	723266	50.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.82%
43) trans-1,3-Dichloropropene-	7.62	79	145715	51.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.64%
47) 2-Hexanone-d5	8.09	63	222609	113.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.61%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	367556	54.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.86%
64) 1,2-Dichlorobenzene-d4	11.63	152	274055	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	241995	46.230	ug/L 100
3) Chloromethane	1.24	50	286909	51.565	ug/L 100
5) Vinyl chloride	1.31	62	282480	50.615	ug/L 99
6) Bromomethane	1.52	94	175401	52.333	ug/L 99
8) Chloroethane	1.59	64	175895	52.251	ug/L 100
9) Trichlorofluoromethane	1.76	101	326764	47.922	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	166427	44.197	ug/L 99
12) 1,1-Dichloroethene	2.12	96	194736	50.396	ug/L # 83
13) Acetone	2.19	43	235906	109.535	ug/L 98
14) Carbon disulfide	2.30	76	607247	47.827	ug/L 100
15) Methyl Acetate	2.44	43	262816	56.010	ug/L 100
16) Methylene chloride	2.51	84	238610	52.667	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	217915	51.451	ug/L 100
18) Methyl tert-butyl Ether	2.77	73	796181	53.797	ug/L 99
19) 1,1-Dichloroethane	3.19	63	435666	53.058	ug/L 99
20) cis-1,2-Dichloroethene	3.92	96	242113	52.001	ug/L # 97
22) 2-Butanone	3.98	43	368220	116.556	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019536.D
 Acq On : 11 Dec 2020 01:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Dec 11 02:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	120577	52.634	ug/L	98
25) Chloroform	4.38	83	432531	52.743	ug/L	99
27) 1,2-Dichloroethane	5.14	62	364653	53.674	ug/L	99
29) Cyclohexane	4.68	56	312956	42.733	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	379281	50.622	ug/L	100
31) Carbon tetrachloride	4.83	117	300239	47.469	ug/L	98
33) Benzene	5.10	78	915198	52.406	ug/L	100
34) Trichloroethene	5.92	95	231524	50.187	ug/L	98
35) Methylcyclohexane	6.14	83	287307	40.995	ug/L	99
37) 1,2-Dichloropropane	6.18	63	242878	53.256	ug/L	99
38) Bromodichloromethane	6.51	83	333814	52.344	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	402102	53.086	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	743290	112.968	ug/L	99
42) Toluene	7.39	91	931960	50.634	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	394846	51.482	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	229421	52.973	ug/L	99
46) Tetrachloroethene	7.98	164	144258	45.192	ug/L	97
48) 2-Hexanone	8.14	43	563801	112.929	ug/L	99
49) Dibromochloromethane	8.25	129	246782	52.032	ug/L	99
50) 1,2-Dibromoethane	8.36	107	245719	53.878	ug/L	98
51) Chlorobenzene	8.88	112	599721	51.016	ug/L	99
52) Ethylbenzene	9.02	91	1019782	48.629	ug/L	99
53) m,p-Xylene	9.14	106	377400	48.171	ug/L	99
54) o-xylene	9.55	106	381064	49.623	ug/L	99
55) Styrene	9.56	104	678795	50.717	ug/L	99
56) Isopropylbenzene	9.94	105	965846	47.211	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	377473	54.198	ug/L	98
59) 1,2,3-Trichloropropane	10.28	75	311618	54.933	ug/L	100
61) Bromoform	9.74	173	167811	53.322	ug/L	100
62) 1,3-Dichlorobenzene	11.18	146	437749	50.164	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	440929	49.899	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	450006	52.188	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	98732	54.853	ug/L	92
67) 1,3,5-Trichlorobenzene	12.65	180	299131	48.518	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	286212	49.649	ug/L	99
69) Naphthalene	13.50	128	1107924	55.350	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	288681	51.244	ug/L	99

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

