

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100620\
 Data File : VV018693.D
 Acq On : 06 Oct 2020 15:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Oct 07 05:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 05:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241454	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	128638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79764	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.94%
7) Chloroethane-d5	1.58	69	68752	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.12	63	167027	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.80%
21) 2-Butanone-d5	3.92	46	106166	95.56	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	4.37	84	153215	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.05	65	105385	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.07	84	298100	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	88145	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.33	98	281386	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%
43) trans-1,3-Dichloropropene-	7.64	79	47336	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.11	63	66431	92.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.06%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	116267	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
66) 1,2-Dichlorobenzene-d4	11.65	152	111222	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	77577	42.082	ug/L 100
3) Chloromethane	1.25	50	86617	42.360	ug/L 99
5) Vinyl chloride	1.32	62	101752	48.631	ug/L 100
6) Bromomethane	1.53	94	69037	51.926	ug/L 99
8) Chloroethane	1.60	64	63652	47.206	ug/L 97
9) Trichlorofluoromethane	1.76	101	152989	51.422	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	88752	48.659	ug/L 96
12) 1,1-Dichloroethene	2.13	96	81757	47.135	ug/L 95
13) Acetone	2.20	43	123975	88.224	ug/L 97
14) Carbon disulfide	2.31	76	267041	54.222	ug/L 99
15) Methyl Acetate	2.45	43	106848	57.615	ug/L 99
16) Methylene chloride	2.52	84	105523	53.735	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	98809	56.279	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	301466	55.244	ug/L 98
19) 1,1-Dichloroethane	3.21	63	150485	44.150	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	89262	47.152	ug/L 98
22) 2-Butanone	4.00	43	126253	90.509	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100620\
 Data File : VV018693.D
 Acq On : 06 Oct 2020 15:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Oct 07 05:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 05:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	47507	46.861	ug/L	92
25) Chloroform	4.40	83	163189	47.355	ug/L	100
27) 1,2-Dichloroethane	5.15	62	132163	49.495	ug/L	99
29) Cyclohexane	4.70	56	128280	45.650	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	148555	50.024	ug/L	98
31) Carbon tetrachloride	4.85	117	129731	50.110	ug/L	99
33) Benzene	5.12	78	344431	47.630	ug/L	100
34) Trichloroethene	5.94	95	101829	51.222	ug/L	99
35) Methylcyclohexane	6.15	83	124621	43.176	ug/L	97
37) 1,2-Dichloropropane	6.20	63	87000	45.499	ug/L	99
38) Bromodichloromethane	6.53	83	121844	48.690	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	154397	53.825	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	264519	116.565	ug/L	97
42) Toluene	7.41	91	378540	49.896	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	141738	49.836	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	86396	47.979	ug/L	100
46) Tetrachloroethene	8.00	164	73860	47.447	ug/L	96
48) 2-Hexanone	8.16	43	192373	100.026	ug/L	97
49) Dibromochloromethane	8.27	129	99488	49.627	ug/L	98
50) 1,2-Dibromoethane	8.37	107	91915	49.031	ug/L	95
51) Chlorobenzene	8.90	112	245646	48.453	ug/L	99
52) Ethylbenzene	9.03	91	413696	49.549	ug/L	99
53) m,p-Xylene	9.16	106	158609	50.875	ug/L	98
54) o-Xylene	9.56	106	156124	51.977	ug/L	98
55) Styrene	9.58	104	279918	53.277	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.26	83	119300	45.442	ug/L	99
59) Bromoform	9.75	173	69844	48.572	ug/L #	98
60) Isopropylbenzene	9.95	105	412493	52.026	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	114974	51.506	ug/L	98
62) 1,3,5-Trimethylbenzene	10.56	105	346541	53.998	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	354937	53.868	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	206077	51.142	ug/L	97
65) 1,4-Dichlorobenzene	11.29	146	205911	48.759	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	197584	48.768	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	29201	51.774	ug/L	95
69) 1,3,5-Trichlorobenzene	12.67	180	134457	42.789	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	117332	41.674	ug/L	97
71) Naphthalene	13.52	128	379739	51.999	ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	118267	41.796	ug/L	98

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

