

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020820\
 Data File : VV014530.D
 Acq On : 07 Feb 2020 11:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050208

Quant Time: Feb 08 00:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 16:28:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	361813	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339895	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	172603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92188	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.98%
7) Chloroethane-d5	1.58	69	62341	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.13	63	140615	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
21) 2-Butanone-d5	3.92	46	147307	97.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.40	84	223773	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.07	65	137804	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.09	84	465743	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.11	67	142222	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.35	98	439320	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%
43) trans-1,3-Dichloropropene-	7.66	79	77339	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
47) 2-Hexanone-d5	8.12	63	124203	101.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.16%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	186420	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
66) 1,2-Dichlorobenzene-d4	11.67	152	164364	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	154092	53.166	ug/L 99
3) Chloromethane	1.26	50	144350	49.188	ug/L 99
5) Vinyl chloride	1.32	62	110168	49.013	ug/L 100
6) Bromomethane	1.53	94	52123	50.430	ug/L 99
8) Chloroethane	1.60	64	52155	46.697	ug/L 99
9) Trichlorofluoromethane	1.77	101	159349	52.628	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72683	49.991	ug/L 98
12) 1,1-Dichloroethene	2.14	96	66476	47.804	ug/L 87
13) Acetone	2.18	43	121431	95.757	ug/L 97
14) Carbon disulfide	2.32	76	329838	48.852	ug/L 100
15) Methyl Acetate	2.45	43	117350	48.125	ug/L 99
16) Methylene chloride	2.53	84	132801	50.284	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	122086	49.830	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	390852	50.377	ug/L 99
19) 1,1-Dichloroethane	3.23	63	218480	49.869	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	140957	51.125	ug/L 98
22) 2-Butanone	4.00	43	190171	101.395	ug/L 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020820\
 Data File : VV014530.D
 Acq On : 07 Feb 2020 11:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050208

Quant Time: Feb 08 00:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 16:28:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	69179	52.989	ug/L	95
25) Chloroform	4.42	83	228438	51.279	ug/L	100
27) 1,2-Dichloroethane	5.17	62	166343	50.113	ug/L	100
29) Cyclohexane	4.72	56	207742	49.710	ug/L	98
30) 1,1,1-Trichloroethane	4.65	97	198257	51.108	ug/L	100
31) Carbon tetrachloride	4.87	117	178235	52.082	ug/L	100
33) Benzene	5.14	78	502500	50.287	ug/L	100
34) Trichloroethene	5.95	95	133500	50.401	ug/L	99
35) Methylcyclohexane	6.17	83	219540	50.720	ug/L	99
37) 1,2-Dichloropropane	6.22	63	126712	49.783	ug/L	100
38) Bromodichloromethane	6.55	83	174385	51.052	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	221035	52.059	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	316446	96.208	ug/L	99
42) Toluene	7.43	91	542773	50.660	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	193554	50.842	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	122344	50.103	ug/L	98
46) Tetrachloroethene	8.01	164	104741	51.836	ug/L	97
48) 2-Hexanone	8.17	43	254307	100.434	ug/L	99
49) Dibromochloromethane	8.28	129	141444	51.306	ug/L	98
50) 1,2-Dibromoethane	8.39	107	133901	50.630	ug/L	99
51) Chlorobenzene	8.92	112	355689	50.824	ug/L	99
52) Ethylbenzene	9.05	91	612079	50.943	ug/L	99
53) m,p-Xylene	9.18	106	237041	51.218	ug/L	99
54) o-Xylene	9.58	106	227289	51.310	ug/L	99
55) Styrene	9.60	104	389095	51.394	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	195631	51.116	ug/L	99
59) Bromoform	9.77	173	97142	50.459	ug/L	97
60) Isopropylbenzene	9.97	105	599862	51.392	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	152770	49.977	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	513820	51.420	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	511144	51.887	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	282569	51.323	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	285786	50.421	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	273817	51.295	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	41854	48.893	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	200918	51.799	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	187753	52.722	ug/L	99
71) Naphthalene	13.55	128	582991	49.837	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	175568	50.741	ug/L	99

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

