

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032020\
 Data File : VV015EC1.D
 Acq On : 20 Mar 2020 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 23:02:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 OLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314141	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86417	58.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	117.76%		
7) Chloroethane-d5	1.58	69	66989	58.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	116.40%		
11) 1,1-Dichloroethene-d2	2.12	63	233532	93.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	186.18%#		
21) 2-Butanone-d5	3.92	46	133375m	134.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	134.03%#		
24) Chloroform-d	4.38	84	230028	61.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	122.42%		
26) 1,2-Dichloroethane-d4	5.06	65	143526	60.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.34%		
32) Benzene-d6	5.08	84	459410	57.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.28%		
36) 1,2-Dichloropropane-d6	6.09	67	132847	56.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	113.92%		
41) Toluene-d8	7.34	98	451828	56.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.62%		
43) trans-1,3-Dichloropropene-	7.64	79	71473	57.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.66%		
47) 2-Hexanone-d5	8.12	63	137184	127.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	127.66%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	275371	78.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	156.94%#		
64) 1,2-Dichlorobenzene-d4	11.65	152	209283	57.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.64%		

Target Compounds

Target Compounds	R.T.	OIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	114353	42.581	ug/L	97
3) Chloromethane	1.25	50	82734	45.319	ug/L	96
5) Vinyl chloride	1.32	62	76722	43.456	ug/L	99
6) Bromomethane	1.53	94	51988	45.380	ug/L	93
8) Chloroethane	1.60	64	43849	46.094	ug/L	96
9) Trichlorofluoromethane	1.76	101	188105	66.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98480	72.897	ug/L	94
12) 1,1-Dichloroethene	2.13	96	101494	79.391	ug/L	92
13) Acetone	2.19	43	58678	70.902	ug/L	75
14) Carbon disulfide	2.31	76	197139	43.518	ug/L	99
15) Methyl Acetate	2.45	43	79665	56.267	ug/L	98
16) Methylene chloride	2.52	84	99695	49.212	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	91625	47.749	ug/L	95
18) Methyl tert-butyl Ether	2.79	73	298356	50.507	ug/L	99
19) 1,1-Dichloroethane	3.21	63	159776	48.459	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	108645	50.663	ug/L	96
22) 2-Butanone	4.01	43	113637	101.410	ug/L	92
23) Bromochloromethane	4.28	128	59193	50.752	ug/L	92
25) Chloroform	4.41	83	183697	49.816	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032020\
 Data File : VV015EC1.D
 Acq On : 20 Mar 2020 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 23:02:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 OLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.16	62	137841	50.058	ug/L	99
29) Cyclohexane	4.70	56	118950	39.445	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	161981	44.704	ug/L	98
31) Carbon tetrachloride	4.86	117	143264	43.997	ug/L	100
33) Benzene	5.13	78	376992	45.851	ug/L	100
34) Trichloroethene	5.94	95	99409	44.630	ug/L	99
35) Methylcyclohexane	6.15	83	136897	38.732	ug/L	98
37) 1,2-Dichloropropane	6.20	63	93895	47.223	ug/L	99
38) Bromodichloromethane	6.53	83	135181	46.618	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	157461	47.294	ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	259988	94.393	ug/L	99
42) Toluene	7.41	91	430410	46.306	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	145311	48.183	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	104875	48.383	ug/L	97
46) Tetrachloroethene	8.00	164	92854	43.904	ug/L	98
48) 2-Hexanone	8.17	43	204024	99.165	ug/L	98
49) Dibromochloromethane	8.27	129	122451	48.607	ug/L	96
50) 1,2-Dibromoethane	8.37	107	113786	47.035	ug/L	98
51) Chlorobenzene	8.90	112	325507	49.809	ug/L	99
52) Ethylbenzene	9.03	91	482337	45.683	ug/L	100
53) m,p-Xylene	9.16	106	189771	45.910	ug/L	99
54) o-xylene	9.57	106	285680	69.791	ug/L	99
55) Styrene	9.58	104	454737	66.146	ug/L	99
56) Isopropylbenzene	9.95	105	650818	61.045	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	220652	62.585	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	174329	62.382	ug/L	98
61) Bromoform	9.75	173	126062	70.099	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	311795	56.953	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	271209	47.592	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	269276	46.308	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	39857	49.045	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	201726	46.571	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	191556	48.021	ug/L	100
69) Naphthalene	13.53	128	264287	50.744	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	211429	53.950	ug/L	100

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

Instrument :
MSVOA_U
ClientSampleId :

Abundance

TIC: VV015EC1.D

Time-->

Chloroform, T
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane-d3, S
Chloroethane, T
Carbon tetrachloride, T
Acetone, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
1,1-Dichloroethane, T
1,1-Dichloroethane-d2, S
2-Butanone, T
2-Pentanone, T
Bromochloromethane, T
Chloroform, T
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane-d3, S
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dichloroethane-d2, S
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloroethane-d2, S
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, T
Toluene-d8, S
trans-1,3-Dichloropropene, T
Isopropene, T
1,1,2-Trichloroethane, T
1,1,2-Trichloroethane-d3, S
2-Pentene, T
1,2-Dibromomethane, I
1,2-Dibromomethane, I
Chlorobenzene-d5, I
Ethylbenzene, I
m,p-Xylene, I
Styrene, T
Bromofom, T
1,2,3-Trichloropropane, T
1,2,3-Trichloropropane-d3, S
1,2,3-Trichloropropane-d4, S
1,4-Dichlorobenzene, I
1,2,4-Trichlorobenzene, T
1,3,5-Trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T