

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030672.D
 Acq On : 04 Apr 2019 09:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Apr 04 09:33:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	555069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	242248	54.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.46%
7) Chloroethane-d5	1.68	69	191132	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.96%
11) 1,1-Dichloroethene-d2	2.27	63	444040	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
21) 2-Butanone-d5	4.17	46	433418	103.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.21%
24) Chloroform-d	4.64	84	376910	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.31	65	249974	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.33	84	785752	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
36) 1,2-Dichloropropane-d6	6.32	67	268040	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.14%
41) Toluene-d8	7.56	98	699401	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%
43) trans-1,3-Dichloropropene-	7.85	79	123124	50.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.74%
47) 2-Hexanone-d5	8.31	63	278003	99.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	370204	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	245231	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	234460	38.284 ug/L	99
3) Chloromethane	1.32	50	310789	45.374 ug/L	98
5) Vinyl chloride	1.40	62	298610	45.974 ug/L	100
6) Bromomethane	1.62	94	157842	52.974 ug/L	99
8) Chloroethane	1.69	64	172823	47.131 ug/L	98
9) Trichlorofluoromethane	1.88	101	342821	48.401 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	195956	48.371 ug/L	100
12) 1,1-Dichloroethene	2.28	96	195222	49.157 ug/L	96
13) Acetone	2.32	43	457163	107.650 ug/L	98
14) Carbon disulfide	2.47	76	594689	45.289 ug/L	100
15) Methyl Acetate	2.61	43	332591	51.147 ug/L #	100
16) Methylene chloride	2.70	84	228906	48.894 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	205064	49.218 ug/L	97
18) Methyl tert-butyl Ether	2.99	73	683730	49.623 ug/L	99
19) 1,1-Dichloroethane	3.44	63	419459	49.071 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	228030	48.801 ug/L	99
22) 2-Butanone	4.25	43	562862	109.653 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030672.D
 Acq On : 04 Apr 2019 09:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Apr 04 09:33:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	106391	48.987	ug/L	94
25) Chloroform	4.67	83	399506	49.156	ug/L	99
27) 1,2-Dichloroethane	5.40	62	313852	49.213	ug/L	98
29) Cyclohexane	4.99	56	395592	49.830	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	318724	49.618	ug/L	98
31) Carbon tetrachloride	5.13	117	272206	49.996	ug/L	98
33) Benzene	5.39	78	897519	50.259	ug/L	100
34) Trichloroethene	6.18	95	217038	49.439	ug/L	96
35) Methylcyclohexane	6.41	83	347831	48.149	ug/L	98
37) 1,2-Dichloropropane	6.43	63	245928	48.527	ug/L	100
38) Bromodichloromethane	6.75	83	294506	48.908	ug/L	96
39) cis-1,3-Dichloropropene	7.26	75	366071	50.254	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	856993	100.674	ug/L	100
42) Toluene	7.63	91	926168	49.973	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	323492	50.471	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	214843	50.173	ug/L	99
46) Tetrachloroethene	8.22	164	158867	51.811	ug/L	96
48) 2-Hexanone	8.36	43	681908	97.740	ug/L	97
49) Dibromochloromethane	8.47	129	218920	49.203	ug/L	95
50) 1,2-Dibromoethane	8.58	107	224563	48.865	ug/L	96
51) Chlorobenzene	9.12	112	551504	49.099	ug/L	99
52) Ethylbenzene	9.24	91	1003579	49.987	ug/L	100
53) m,p-Xylene	9.37	106	358529	49.458	ug/L	97
54) o-xylene	9.77	106	352083	49.776	ug/L	99
55) Styrene	9.79	104	622103	51.057	ug/L	97
56) Isopropylbenzene	10.16	105	944175	50.412	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	383397	48.581	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	304182	49.311	ug/L	100
61) Bromoform	9.95	173	157090	46.408	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	401464	48.219	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	408336	47.640	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	409054	48.588	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	85509	45.616	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	302522	48.536	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	257994	47.639	ug/L	96
69) Naphthalene	13.74	128	895397	46.497	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	275389	48.156	ug/L	98

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

