

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032292.D
 Acq On : 24 May 2019 05:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV57

Quant Time: May 24 07:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 07:24:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	813680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	800714	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	393514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	223534	52.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.12%
7) Chloroethane-d5	1.67	69	196707	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.27	63	450623	53.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.84%
21) 2-Butanone-d5	4.17	46	366202	90.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.25%
24) Chloroform-d	4.64	84	489743	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.30	65	293954	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.32%
32) Benzene-d6	5.33	84	993738	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.32	67	298300	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.56	98	954318	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%
43) trans-1,3-Dichloropropene-	7.85	79	139508	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.31	63	251574	92.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	473775	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	401542	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	295648	58.225	ug/L 98
3) Chloromethane	1.33	50	284912	45.214	ug/L 97
5) Vinyl chloride	1.40	62	318038	54.395	ug/L 98
6) Bromomethane	1.61	94	215897	45.800	ug/L 99
8) Chloroethane	1.69	64	188431	47.105	ug/L 97
9) Trichlorofluoromethane	1.88	101	420807	57.137	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	242226	56.598	ug/L 99
12) 1,1-Dichloroethene	2.28	96	255421	53.560	ug/L 94
13) Acetone	2.32	43	256773	78.510	ug/L 97
14) Carbon disulfide	2.47	76	738691	52.026	ug/L 100
15) Methyl Acetate	2.61	43	263072	41.214	ug/L 100
16) Methylene chloride	2.69	84	292050	42.920	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	267392	48.187	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	817452	42.782	ug/L 100
19) 1,1-Dichloroethane	3.44	63	462512	46.091	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	305936	46.114	ug/L 96
22) 2-Butanone	4.25	43	390123	87.562	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032292.D
 Acq On : 24 May 2019 05:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV57

Quant Time: May 24 07:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 07:24:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	161861	44.134	uq/L	98
25) Chloroform	4.67	83	495719	44.580	uq/L	97
27) 1,2-Dichloroethane	5.40	62	374777	43.136	uq/L	99
29) Cyclohexane	4.99	56	387209	61.805	uq/L	98
30) 1,1,1-Trichloroethane	4.91	97	420018	53.018	uq/L	99
31) Carbon tetrachloride	5.13	117	362397	55.892	uq/L	100
33) Benzene	5.38	78	1120511	48.965	uq/L	100
34) Trichloroethene	6.18	95	294960	52.066	uq/L	97
35) Methylcyclohexane	6.41	83	416698	60.713	uq/L	100
37) 1,2-Dichloropropane	6.43	63	277624	46.654	uq/L	99
38) Bromodichloromethane	6.75	83	372262	45.068	uq/L	98
39) cis-1,3-Dichloropropene	7.26	75	398608	45.622	uq/L	99
40) 4-Methyl-2-pentanone	7.45	43	739840	90.397	uq/L	99
42) Toluene	7.63	91	1251082	51.875	uq/L	99
44) trans-1,3-Dichloropropene	7.87	75	363309	47.073	uq/L	99
45) 1,1,2-Trichloroethane	8.06	97	286829	43.550	uq/L	100
46) Tetrachloroethene	8.22	164	237460	55.803	uq/L	98
48) 2-Hexanone	8.36	43	604179	94.053	uq/L	99
49) Dibromochloromethane	8.47	129	317976	45.637	uq/L	97
50) 1,2-Dibromoethane	8.58	107	317098	44.786	uq/L	99
51) Chlorobenzene	9.12	112	788400	48.773	uq/L	99
52) Ethylbenzene	9.24	91	1326387	54.114	uq/L	99
53) m,p-Xylene	9.37	106	528859	55.900	uq/L	98
54) o-xylene	9.77	106	527502	53.467	uq/L	96
55) Styrene	9.79	104	916207	54.118	uq/L	98
56) Isopropylbenzene	10.16	105	1338244	58.082	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	489383	43.683	uq/L	98
59) 1,2,3-Trichloropropane	10.49	75	383394	43.480	uq/L	98
61) Bromoform	9.95	173	244822	41.672	uq/L	99
62) 1,3-Dichlorobenzene	11.41	146	628212	50.130	uq/L	99
63) 1,4-Dichlorobenzene	11.50	146	645375	49.553	uq/L	99
65) 1,2-Dichlorobenzene	11.87	146	660662	48.469	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	107626	43.411	uq/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	475946	53.578	uq/L	99
68) 1,2,4-trichlorobenzene	13.50	180	397867	56.724	uq/L	99
69) Naphthalene	13.74	128	1430247	58.324	uq/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	446524	55.291	uq/L	100

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

