

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030309.D
 Acq On : 22 Mar 2019 15:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Mar 23 02:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	523674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	263111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	161971	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.48%
7) Chloroethane-d5	1.68	69	138053	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.52%
11) 1,1-Dichloroethene-d2	2.27	63	304385	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
21) 2-Butanone-d5	4.17	46	275798	104.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.99%
24) Chloroform-d	4.65	84	318185	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.31	65	179210	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.34	84	651983	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.33	67	206938	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.42%
41) Toluene-d8	7.56	98	613953	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.85	79	98906	49.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.58%
47) 2-Hexanone-d5	8.31	63	221054	103.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322006	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	256551	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	215791	48.670	ug/L	99
3) Chloromethane	1.33	50	204799	47.720	ug/L	100
5) Vinyl chloride	1.40	62	224438	49.265	ug/L	99
6) Bromomethane	1.62	94	125740	51.001	ug/L	98
8) Chloroethane	1.70	64	131723	48.903	ug/L	97
9) Trichlorofluoromethane	1.88	101	290875	50.276	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	177597	50.482	ug/L	100
12) 1,1-Dichloroethene	2.28	96	173153	49.561	ug/L	98
13) Acetone	2.32	43	225209	82.044	ug/L	99
14) Carbon disulfide	2.48	76	492802	47.226	ug/L	99
15) Methyl Acetate	2.61	43	204338	51.190	ug/L	100
16) Methylene chloride	2.70	84	196889	49.689	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	180295	48.968	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	544426	51.403	ug/L	99
19) 1,1-Dichloroethane	3.44	63	322330	50.898	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	207751	51.500	ug/L	100
22) 2-Butanone	4.26	43	311569	96.575	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030309.D
 Acq On : 22 Mar 2019 15:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Mar 23 02:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	106688	49.415	ug/L	98
25) Chloroform	4.67	83	334941	50.766	ug/L	100
27) 1,2-Dichloroethane	5.40	62	230632	49.319	ug/L	100
29) Cyclohexane	4.99	56	281747	51.304	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	279182	51.253	ug/L	99
31) Carbon tetrachloride	5.13	117	248000	51.428	ug/L	99
33) Benzene	5.39	78	755650	51.820	ug/L	100
34) Trichloroethene	6.18	95	192387	50.055	ug/L	98
35) Methylcyclohexane	6.41	83	311193	51.633	ug/L	99
37) 1,2-Dichloropropane	6.43	63	198750	53.218	ug/L	100
38) Bromodichloromethane	6.75	83	251130	52.300	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	312138	52.093	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	523152	101.925	ug/L	98
42) Toluene	7.63	91	834325	52.566	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	273517	52.753	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	196931	51.370	ug/L	98
46) Tetrachloroethene	8.23	164	172089	52.993	ug/L	99
48) 2-Hexanone	8.36	43	418004	98.121	ug/L	99
49) Dibromochloromethane	8.47	129	222861	51.842	ug/L	100
50) 1,2-Dibromoethane	8.58	107	218380	51.381	ug/L	98
51) Chlorobenzene	9.12	112	537036	51.142	ug/L	99
52) Ethylbenzene	9.25	91	892693	51.790	ug/L	100
53) m,p-Xylene	9.37	106	348723	52.512	ug/L	99
54) o-xylene	9.77	106	344227	52.730	ug/L	99
55) Styrene	9.79	104	593751	53.681	ug/L	100
56) Isopropylbenzene	10.16	105	891594	52.827	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	335147	51.269	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	257020	50.920	ug/L	99
61) Bromoform	9.95	173	173867	51.171	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	421424	50.203	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	435832	50.053	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	432384	50.415	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	72906	50.844	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	328459	50.066	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	281011	48.437	ug/L	99
69) Naphthalene	13.74	128	835475	45.390	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	290618	48.008	ug/L	99

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

