

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037018.D
 Acq On : 03 Mar 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05043

Quant Time: Mar 04 06:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 12:03:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	116524	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79410	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.91	69	75247	40.42	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.84%
11) 1,1-Dichloroethene-d2	2.58	63	154414	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.96%
21) 2-Butanone-d5	4.67	46	152108	100.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	5.10	84	172862	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.62%
26) 1,2-Dichloroethane-d4	5.74	65	116549	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.76	84	350424	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.72	67	118734	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.92	98	326100	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	8.20	79	53769	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.66	63	121312	102.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.01%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	186136	54.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	112397	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	117069	51.510	ug/L	99
3) Chloromethane	1.53	50	133751	51.153	ug/L	100
5) Vinyl chloride	1.62	62	133966	49.671	ug/L	98
6) Bromomethane	1.84	94	52710	38.091	ug/L	97
8) Chloroethane	1.93	64	81971	50.702	ug/L	99
9) Trichlorofluoromethane	2.14	101	149577	52.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	89777	52.467	ug/L	99
12) 1,1-Dichloroethene	2.60	96	87978	50.834	ug/L #	79
13) Acetone	2.65	43	159407	102.676	ug/L	99
14) Carbon disulfide	2.81	76	252028	46.026	ug/L	100
15) Methyl Acetate	2.98	43	116079	49.053	ug/L	99
16) Methylene chloride	3.07	84	108282	51.296	ug/L	98
17) trans-1,2-Dichloroethene	3.38	96	91872	49.416	ug/L	100
18) Methyl tert-butyl Ether	3.40	73	306124	50.654	ug/L	99
19) 1,1-Dichloroethane	3.91	63	186155	51.530	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	107926	51.916	ug/L	96
22) 2-Butanone	4.75	43	189634	101.292	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037018.D
 Acq On : 03 Mar 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05043

Quant Time: Mar 04 06:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 12:03:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	49924	53.029	ug/L	98
25) Chloroform	5.12	83	181668	52.119	ug/L	100
27) 1,2-Dichloroethane	5.83	62	150051	52.877	ug/L	98
29) Cyclohexane	5.42	56	161507	46.882	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	142528	51.207	ug/L	98
31) Carbon tetrachloride	5.56	117	111879	51.283	ug/L	99
33) Benzene	5.81	78	420214	51.238	ug/L	100
34) Trichloroethene	6.57	95	102641	50.920	ug/L	99
35) Methylcyclohexane	6.79	83	171440	49.054	ug/L	100
37) 1,2-Dichloropropane	6.82	63	113965	51.609	ug/L	100
38) Bromodichloromethane	7.13	83	133645	51.272	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	170640	50.165	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	326548	100.357	ug/L	99
42) Toluene	8.00	91	454587	52.027	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	150942	51.153	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	103694	52.806	ug/L	99
46) Tetrachloroethene	8.58	164	67817	51.071	ug/L	99
48) 2-Hexanone	8.71	43	271347	104.502	ug/L	99
49) Dibromochloromethane	8.83	129	97309	52.208	ug/L	100
50) 1,2-Dibromoethane	8.95	107	106883	52.050	ug/L	99
51) Chlorobenzene	9.47	112	266832	51.540	ug/L	98
52) Ethylbenzene	9.59	91	487516	51.469	ug/L	100
53) m,p-Xylene	9.72	106	180638	51.990	ug/L	99
54) o-xylene	10.12	106	178330	51.461	ug/L	99
55) Styrene	10.13	104	307058	54.204	ug/L	100
56) Isopropylbenzene	10.50	105	464136	52.147	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	190059	54.138	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	152584	53.713	ug/L	99
61) Bromoform	10.31	173	68787	52.214	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	196401	51.958	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	196700	52.669	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	197593	52.353	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	36132	48.255	ug/L	98
67) 1,3,5-Trichlorobenzene	13.25	180	129262	53.874	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	91488	50.894	ug/L	98
69) Naphthalene	14.12	128	137441	43.312	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	93404	51.996	ug/L	97

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

