

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036583.D
 Acq On : 29 Jan 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

Quant Time: Jan 30 02:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 29 11:29:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	294759	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108827	49.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.58%
7) Chloroethane-d5	1.93	69	92551	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.60	63	177124	49.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.24%
21) 2-Butanone-d5	4.67	46	127677	97.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.43%
24) Chloroform-d	5.11	84	179279	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
26) 1,2-Dichloroethane-d4	5.74	65	108828	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
32) Benzene-d6	5.77	84	390747	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.73	67	118448	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.93	98	376660	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	8.21	79	57872	50.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.42%
47) 2-Hexanone-d5	8.66	63	110974	99.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	172663	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	138959	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	114467	50.982	ug/L 99
3) Chloromethane	1.54	50	113607	47.531	ug/L 99
5) Vinyl chloride	1.62	62	126807	49.755	ug/L 99
6) Bromomethane	1.87	94	78928	52.786	ug/L 99
8) Chloroethane	1.95	64	74974	48.812	ug/L 99
9) Trichlorofluoromethane	2.16	101	150933	50.359	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	96355	51.723	ug/L 100
12) 1,1-Dichloroethene	2.61	96	92102	50.273	ug/L 97
13) Acetone	2.66	43	110889	87.418	ug/L 98
14) Carbon disulfide	2.82	76	273684	49.443	ug/L 99
15) Methyl Acetate	2.98	43	96258	48.533	ug/L 100
16) Methylene chloride	3.08	84	106233	47.807	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	97991	49.791	ug/L 96
18) Methyl tert-butyl Ether	3.41	73	304778	48.356	ug/L 99
19) 1,1-Dichloroethane	3.92	63	170908	48.707	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	109623	49.002	ug/L 98
22) 2-Butanone	4.75	43	145393	95.394	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036583.D
 Acq On : 29 Jan 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

Quant Time: Jan 30 02:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 29 11:29:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	55877	48.078	ug/L	99
25) Chloroform	5.13	83	175010	48.634	ug/L	97
27) 1,2-Dichloroethane	5.83	62	129212	47.983	ug/L	99
29) Cyclohexane	5.43	56	159523	50.923	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	145055	50.470	ug/L	100
31) Carbon tetrachloride	5.56	117	125436	50.802	ug/L	98
33) Benzene	5.82	78	408969	49.966	ug/L	100
34) Trichloroethene	6.58	95	105799	50.219	ug/L	100
35) Methylcyclohexane	6.80	83	182276	51.874	ug/L	99
37) 1,2-Dichloropropane	6.83	63	104284	50.130	ug/L	100
38) Bromodichloromethane	7.14	83	130632	49.979	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	164224	48.999	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	256368	95.997	ug/L	100
42) Toluene	8.00	91	449209	50.492	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	147177	50.041	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	101821	48.797	ug/L	99
46) Tetrachloroethene	8.58	164	86715	50.667	ug/L	97
48) 2-Hexanone	8.72	43	198858	98.993	ug/L	97
49) Dibromochloromethane	8.84	129	109660	49.646	ug/L	99
50) 1,2-Dibromoethane	8.95	107	109592	48.724	ug/L	99
51) Chlorobenzene	9.47	112	289594	49.882	ug/L	100
52) Ethylbenzene	9.60	91	488864	50.162	ug/L	99
53) m,p-Xylene	9.72	106	194063	51.054	ug/L	98
54) o-xylene	10.12	106	188361	49.679	ug/L	100
55) Styrene	10.14	104	311701	50.658	ug/L	100
56) Isopropylbenzene	10.51	105	487343	50.554	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	174593	48.533	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	134980	47.999	ug/L	100
61) Bromoform	10.32	173	82798	46.659	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	219777	48.541	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	216037	48.466	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	218565	47.628	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	35169	47.999	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	157658	50.701	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	113530	51.233	ug/L	98
69) Naphthalene	14.10	128	304654	47.510	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	114853	50.293	ug/L	99

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

