

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036576.D
 Acq On : 28 Jan 2020 16:07
 Operator : JC/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00535

Quant Time: Jan 29 04:15:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 29 04:13:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	289501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9728	5.05	ug/L	0.00
7) Chloroethane-d5	1.93	69	8513	5.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	15932	4.47	ug/L	0.00
21) 2-Butanone-d5	4.68	46	10191	6.55	ug/L	0.00
24) Chloroform-d	5.11	84	14621	3.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	9848	4.06	ug/L	0.00
32) Benzene-d6	5.77	84	33994	4.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	10343	4.50	ug/L	0.00
41) Toluene-d8	7.93	98	32423	4.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	4567	3.76	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	7959	6.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	14504	4.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	10796	4.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	10653	4.150	ug/L 98
3) Chloromethane	1.54	50	10870	4.569	ug/L 99
5) Vinyl chloride	1.62	62	12099	5.034	ug/L 97
6) Bromomethane	1.87	94	7443	5.133	ug/L 100
8) Chloroethane	1.95	64	7468	5.210	ug/L 97
9) Trichlorofluoromethane	2.16	101	14101	4.436	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	8948	5.163	ug/L 98
12) 1,1-Dichloroethene	2.61	96	8594	5.012	ug/L 94
13) Acetone	2.66	43	13847	8.364	ug/L 98
14) Carbon disulfide	2.82	76	25887	4.721	ug/L 99
15) Methyl Acetate	2.99	43	8700	3.850	ug/L 98
16) Methylene chloride	3.08	84	11017	5.213	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	8860	4.696	ug/L 96
18) Methyl tert-butyl Ether	3.41	73	29062	4.583	ug/L 100
19) 1,1-Dichloroethane	3.92	63	16278	4.647	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	9916	4.602	ug/L 95
22) 2-Butanone	4.76	43	13336	7.044	ug/L 98
23) Bromochloromethane	5.02	128	5372	5.078	ug/L 95
25) Chloroform	5.13	83	17437	4.686	ug/L 98
27) 1,2-Dichloroethane	5.84	62	12834	4.400	ug/L 100
29) Cyclohexane	5.43	56	15298	4.826	ug/L 99
30) 1,1,1-Trichloroethane	5.36	97	13701	4.423	ug/L 98
31) Carbon tetrachloride	5.56	117	11630	4.395	ug/L 100
33) Benzene	5.82	78	39474	5.094	ug/L 100
34) Trichloroethene	6.58	95	10244	4.962	ug/L 94
35) Methylcyclohexane	6.80	83	16941	5.240	ug/L 99
37) 1,2-Dichloropropane	6.83	63	9978	4.864	ug/L # 94
38) Bromodichloromethane	7.14	83	11842	4.281	ug/L 99
39) cis-1,3-Dichloropropene	7.64	75	14416	4.368	ug/L 99
40) 4-Methyl-2-pentanone	7.83	43	23693	7.468	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036576.D
 Acq On : 28 Jan 2020 16:07
 Operator : JC/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00535

Quant Time: Jan 29 04:15:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 29 04:13:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	41993	4.985	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	12417	4.110	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	9997	5.061	ug/L	95
46) Tetrachloroethene	8.58	164	8294	5.737	ug/L	95
48) 2-Hexanone	8.73	43	16665	6.644	ug/L	94
49) Dibromochloromethane	8.84	129	9745	4.489	ug/L	99
50) 1,2-Dibromoethane	8.95	107	10215	4.606	ug/L	96
51) Chlorobenzene	9.47	112	27118	5.087	ug/L	96
52) Ethylbenzene	9.60	91	46118	4.930	ug/L	97
53) m,p-Xylene	9.72	106	17370	4.920	ug/L	96
54) o-xylene	10.13	106	17748	5.021	ug/L	93
55) Styrene	10.14	104	26665	4.662	ug/L	97
56) Isopropylbenzene	10.51	105	44616	4.953	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	16033	4.693	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	12928	4.605	ug/L	99
61) Bromoform	10.32	173	7247	4.873	ug/L	92
62) 1,3-Dichlorobenzene	11.77	146	18060	5.169	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	17476	5.012	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	18518	5.362	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	2567	3.540	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	11004	5.049	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	5086	3.157	ug/L	97
69) Naphthalene	14.10	128	11041	2.084	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	5630	3.359	ug/L	96

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

