

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033587.D
 Acq On : 03 Aug 2019 12:50
 Operator : JC/SP
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00534

Quant Time: Aug 05 05:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 05:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	314044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	309986	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	156118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10586	4.69	ug/L	0.00
7) Chloroethane-d5	1.67	69	9691	4.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	21332	5.15	ug/L	0.00
21) 2-Butanone-d5	4.16	46	15465	9.99	ug/L	0.00
24) Chloroform-d	4.62	84	19640	5.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12864	5.27	ug/L	0.00
32) Benzene-d6	5.32	84	38552	4.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	12762	5.27	ug/L	0.00
41) Toluene-d8	7.55	98	33517	4.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	5965	4.95	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	9704	8.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	19946	5.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	16340	5.67	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	17884	6.146	ug/L 100
3) Chloromethane	1.32	50	18507	6.291	ug/L 100
5) Vinyl chloride	1.39	62	18973	6.007	ug/L 98
6) Bromomethane	1.62	94	12373	4.413	ug/L 97
8) Chloroethane	1.69	64	11557	6.020	ug/L 97
9) Trichlorofluoromethane	1.87	101	26063	6.293	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	13235	6.280	ug/L 98
12) 1,1-Dichloroethene	2.27	96	12664	6.308	ug/L 95
13) Acetone	2.31	43	18850	12.171	ug/L 97
14) Carbon disulfide	2.46	76	39857	6.378	ug/L 100
15) Methyl Acetate	2.60	43	15279	6.159	ug/L 99
16) Methylene chloride	2.68	84	14531	6.294	ug/L 96
17) trans-1,2-Dichloroethene	2.97	96	13074	6.207	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	38552	5.963	ug/L 99
19) 1,1-Dichloroethane	3.43	63	24783	6.227	ug/L # 94
20) cis-1,2-Dichloroethene	4.20	96	14778	6.205	ug/L 95
22) 2-Butanone	4.25	43	20396	11.003	ug/L 91
23) Bromochloromethane	4.53	128	7301	5.924	ug/L 98
25) Chloroform	4.65	83	26461	6.331	ug/L 95
27) 1,2-Dichloroethane	5.39	62	19874	6.157	ug/L 100
29) Cyclohexane	4.97	56	19137	5.731	ug/L 100
30) 1,1,1-Trichloroethane	4.89	97	21575	6.093	ug/L 98
31) Carbon tetrachloride	5.11	117	18341	5.933	ug/L 98
33) Benzene	5.37	78	51260	5.780	ug/L 100
34) Trichloroethene	6.17	95	14567	6.234	ug/L 96
35) Methylcyclohexane	6.40	83	20119	5.529	ug/L 98
37) 1,2-Dichloropropane	6.41	63	14053	5.867	ug/L # 97
38) Bromodichloromethane	6.74	83	18943	6.143	ug/L # 98
39) cis-1,3-Dichloropropene	7.25	75	20908	5.629	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	39232	11.799	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033587.D
 Acq On : 03 Aug 2019 12:50
 Operator : JC/SP
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00534

Quant Time: Aug 05 05:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 05:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	55242	5.804	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	19548	5.845	ug/L	91
45) 1,1,2-Trichloroethane	8.05	97	14253	6.297	ug/L	97
46) Tetrachloroethene	8.21	164	11297	5.947	ug/L	93
48) 2-Hexanone	8.35	43	30431	11.366	ug/L	97
49) Dibromochloromethane	8.46	129	15571	6.058	ug/L	100
50) 1,2-Dibromoethane	8.57	107	15002	6.020	ug/L #	100
51) Chlorobenzene	9.10	112	38310	6.151	ug/L	97
52) Ethylbenzene	9.23	91	57672	5.627	ug/L	99
53) m,p-Xylene	9.36	106	21565	5.466	ug/L	98
54) o-xylene	9.76	106	21367	5.615	ug/L	93
55) Styrene	9.78	104	34972	5.406	ug/L	98
56) Isopropylbenzene	10.15	105	54729	5.491	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	24367	5.958	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	20575	6.508	ug/L	97
61) Bromoform	9.94	173	11434	6.109	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	30759	6.475	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	31480	6.369	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	30279	6.303	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	5310	5.894	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	23160	6.071	ug/L	96
68) 1,2,4-trichlorobenzene	13.49	180	17638	5.423	ug/L	97
69) Naphthalene	13.73	128	46652	4.989	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	20380	5.960	ug/L	96

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

