

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\
 Data File : VU039634.D
 Acq On : 23 Jul 2020 12:19
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Jul 23 12:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 12:34:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	224658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	233593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	137604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127176	99.66	ug/L	0.00
7) Chloroethane-d5	1.92	69	162509	147.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	269881	97.86	ug/L	0.00
21) 2-Butanone-d5	4.65	46	311403	240.76	ug/L	0.00
24) Chloroform-d	5.09	84	301040	108.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	207162	109.84	ug/L	0.00
32) Benzene-d6	5.74	84	568728	99.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	186172	104.37	ug/L	0.00
41) Toluene-d8	7.91	98	562304	108.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	102725	114.40	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	227090	234.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	322157	118.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	274655	110.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	141889	82.486	ug/L 99
3) Chloromethane	1.53	50	139420	82.932	ug/L 99
5) Vinyl chloride	1.61	62	143513	81.491	ug/L 99
6) Bromomethane	1.87	94	114384	115.876	ug/L 100
8) Chloroethane	1.94	64	143031	126.943	ug/L 98
9) Trichlorofluoromethane	2.15	101	267779	104.790	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	122307	86.364	ug/L 98
12) 1,1-Dichloroethene	2.59	96	113145	82.081	ug/L 94
13) Acetone	2.66	43	183924	182.896	ug/L 99
14) Carbon disulfide	2.81	76	374728	83.894	ug/L 100
15) Methyl Acetate	2.97	43	187641	92.001	ug/L 99
16) Methylene chloride	3.06	84	141536	86.106	ug/L 94
17) trans-1,2-Dichloroethene	3.37	96	134374	87.998	ug/L 94
18) Methyl tert-butyl Ether	3.38	73	442486	89.458	ug/L 99
19) 1,1-Dichloroethane	3.89	63	253245	86.634	ug/L 96
20) cis-1,2-Dichloroethene	4.69	96	148961	87.531	ug/L 97
22) 2-Butanone	4.73	43	296887	193.521	ug/L 99
23) Bromochloromethane	5.00	128	77441	91.528	ug/L 95
25) Chloroform	5.11	83	278610	93.483	ug/L 99
27) 1,2-Dichloroethane	5.81	62	232462	94.916	ug/L 99
29) Cyclohexane	5.41	56	235589	89.120	ug/L 99
30) 1,1,1-Trichloroethane	5.34	97	246935	89.494	ug/L 97
31) Carbon tetrachloride	5.54	117	217840	94.669	ug/L 97
33) Benzene	5.79	78	580074	84.819	ug/L 100
34) Trichloroethene	6.56	95	156475	88.927	ug/L 99
35) Methylcyclohexane	6.78	83	246306	92.813	ug/L 99
37) 1,2-Dichloropropane	6.81	63	154545	86.316	ug/L 100
38) Bromodichloromethane	7.12	83	215608	93.041	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	242193	87.784	ug/L 98
40) 4-Methyl-2-pentanone	7.80	43	572592	198.660	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\
 Data File : VU039634.D
 Acq On : 23 Jul 2020 12:19
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Jul 23 12:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 12:34:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	672905	93.220	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	255612	96.173	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	153966	89.414	ug/L	99
46) Tetrachloroethene	8.56	164	118567	93.644	ug/L	98
48) 2-Hexanone	8.69	43	481213	201.797	ug/L	98
49) Dibromochloromethane	8.82	129	183664	101.862	ug/L	99
50) 1,2-Dibromoethane	8.93	107	179316	96.102	ug/L	100
51) Chlorobenzene	9.45	112	435733	94.255	ug/L	96
52) Ethylbenzene	9.57	91	774408	97.149	ug/L	98
53) m,p-Xylene	9.70	106	301226	98.973	ug/L	95
54) o-xylene	10.10	106	291634	98.514	ug/L	100
55) Styrene	10.11	104	515323	100.473	ug/L	99
56) Isopropylbenzene	10.48	105	790378	101.762	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	292864	98.306	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	241310	95.459	ug/L	100
61) Bromoform	10.29	173	163098	106.113	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	388291	91.572	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	393733	91.921	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	396717	93.626	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	81281	91.670	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	287789	94.198	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	258871	90.716	ug/L	99
69) Naphthalene	14.08	128	863756	88.409	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	260322	91.919	ug/L	100

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

