

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032120\
 Data File : VU037361.D
 Acq On : 21 Mar 2020 18:12
 Operator : JC/MD
 Sample : VSTD01035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01035

Quant Time: Mar 23 04:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 23 04:00:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269698	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120805	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28084	12.98	ug/L	0.00
7) Chloroethane-d5	1.93	69	20828	12.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	43197	11.18	ug/L	0.00
21) 2-Butanone-d5	4.67	46	35625	21.52	ug/L	0.00
24) Chloroform-d	5.10	84	44253	11.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	32366	11.10	ug/L	0.00
32) Benzene-d6	5.76	84	80901	11.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	26146	11.24	ug/L	0.00
41) Toluene-d8	7.92	98	76202	11.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	13337	10.44	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	23096	18.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39714	10.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	29201	11.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	29572	10.569	ug/L 99
3) Chloromethane	1.54	50	28383	12.062	ug/L 96
5) Vinyl chloride	1.62	62	26261	10.514	ug/L 97
6) Bromomethane	1.87	94	11655	11.681	ug/L 98
8) Chloroethane	1.95	64	15537	10.729	ug/L 100
9) Trichlorofluoromethane	2.16	101	37662	9.983	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	17972	10.254	ug/L 98
12) 1,1-Dichloroethene	2.60	96	17114	10.668	ug/L 91
13) Acetone	2.66	43	21872	14.823	ug/L 97
14) Carbon disulfide	2.82	76	53795	11.485	ug/L 99
15) Methyl Acetate	2.98	43	24246	9.978	ug/L 100
16) Methylene chloride	3.08	84	20762	10.509	ug/L 93
17) trans-1,2-Dichloroethene	3.39	96	16498	9.837	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	59827	9.414	ug/L 99
19) 1,1-Dichloroethane	3.91	63	36825	10.040	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	19886	9.931	ug/L 99
22) 2-Butanone	4.75	43	32787	17.106	ug/L 97
23) Bromochloromethane	5.02	128	11147	10.840	ug/L 98
25) Chloroform	5.13	83	39569	9.926	ug/L 100
27) 1,2-Dichloroethane	5.83	62	33373	9.501	ug/L 100
29) Cyclohexane	5.42	56	27404	9.068	ug/L 99
30) 1,1,1-Trichloroethane	5.36	97	35854	10.475	ug/L 98
31) Carbon tetrachloride	5.56	117	29620	9.808	ug/L 98
33) Benzene	5.81	78	76694	10.160	ug/L 100
34) Trichloroethene	6.57	95	19559	9.900	ug/L 96
35) Methylcyclohexane	6.79	83	28327	9.480	ug/L 98
37) 1,2-Dichloropropane	6.82	63	20525	9.640	ug/L 98
38) Bromodichloromethane	7.13	83	28691	9.624	ug/L 99
39) cis-1,3-Dichloropropene	7.64	75	29398	8.930	ug/L 96
40) 4-Methyl-2-pentanone	7.82	43	60851	17.630	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032120\
 Data File : VU037361.D
 Acq On : 21 Mar 2020 18:12
 Operator : JC/MD
 Sample : VSTD01035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01035

Quant Time: Mar 23 04:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 23 04:00:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	78144	9.445	ug/L	95
44) trans-1,3-Dichloropropene	8.24	75	31185	9.832	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	19998	10.196	ug/L	98
46) Tetrachloroethene	8.57	164	15374	10.365	ug/L	97
48) 2-Hexanone	8.71	43	49489	18.248	ug/L	94
49) Dibromochloromethane	8.83	129	22926	9.910	ug/L	99
50) 1,2-Dibromoethane	8.95	107	22330	10.517	ug/L	94
51) Chlorobenzene	9.47	112	51057	9.785	ug/L	98
52) Ethylbenzene	9.59	91	84025	8.839	ug/L	100
53) m,p-Xylene	9.71	106	31510	9.324	ug/L	92
54) o-xylene	10.12	106	31606	9.444	ug/L	95
55) Styrene	10.13	104	49868	8.785	ug/L	98
56) Isopropylbenzene	10.50	105	81785	8.826	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	33997	9.554	ug/L #	97
59) 1,2,3-Trichloropropane	10.84	75	29375	9.920	ug/L	99
61) Bromoform	10.31	173	18238	10.857	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	37754	9.931	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	37278	9.746	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	40339	10.400	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	8410	9.897	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	24128	8.790	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	16407	7.684	ug/L	96
69) Naphthalene	14.12	128	35707	9.422	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	17476	7.755	ug/L	95

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

