

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042320\
 Data File : VU037863.D
 Acq On : 23 Apr 2020 16:07
 Operator : JC/MD
 Sample : VSTD00533
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00533

Quant Time: Apr 23 16:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 23 13:33:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	561295	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	537676	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	263207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23419	4.67	ug/L	0.00
7) Chloroethane-d5	1.93	69	18703	4.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	38066	4.49	ug/L	0.00
21) 2-Butanone-d5	4.67	46	39193	9.57	ug/L	0.00
24) Chloroform-d	5.10	84	35968	4.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	26184	4.69	ug/L	0.00
32) Benzene-d6	5.76	84	75985	4.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	25204	4.50	ug/L	0.00
41) Toluene-d8	7.92	98	68720	4.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	13127	4.63	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	26363	9.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34550	4.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	27069	4.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	22424	4.531	ug/L 98
3) Chloromethane	1.54	50	25381	5.141	ug/L 99
5) Vinyl chloride	1.62	62	26891	4.652	ug/L 98
6) Bromomethane	1.87	94	10477	4.691	ug/L 96
8) Chloroethane	1.95	64	14752	4.346	ug/L 98
9) Trichlorofluoromethane	2.16	101	28975	4.532	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	17131	4.602	ug/L 95
12) 1,1-Dichloroethene	2.61	96	15946	4.345	ug/L 95
13) Acetone	2.65	43	23850	8.755	ug/L 99
14) Carbon disulfide	2.82	76	64933	5.305	ug/L 98
15) Methyl Acetate	2.98	43	28458	4.688	ug/L 97
16) Methylene chloride	3.08	84	19412	4.406	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	19581	4.834	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	63631	4.413	ug/L 99
19) 1,1-Dichloroethane	3.91	63	37185	4.421	ug/L 97
20) cis-1,2-Dichloroethene	4.71	96	19982	4.414	ug/L 95
22) 2-Butanone	4.75	43	41674	9.310	ug/L 97
23) Bromochloromethane	5.02	128	9485	4.363	ug/L 91
25) Chloroform	5.13	83	34417	4.371	ug/L 97
27) 1,2-Dichloroethane	5.83	62	30495	4.492	ug/L 98
29) Cyclohexane	5.42	56	37301	4.617	ug/L 97
30) 1,1,1-Trichloroethane	5.35	97	28501	4.326	ug/L 98
31) Carbon tetrachloride	5.56	117	23238	4.384	ug/L 99
33) Benzene	5.81	78	80649	4.576	ug/L 100
34) Trichloroethene	6.57	95	19567	4.498	ug/L 95
35) Methylcyclohexane	6.79	83	34216	4.505	ug/L 98
37) 1,2-Dichloropropane	6.82	63	21379	4.295	ug/L 100
38) Bromodichloromethane	7.13	83	25383	4.237	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	34314	4.376	ug/L 93
40) 4-Methyl-2-pentanone	7.82	43	76649	9.026	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042320\
 Data File : VU037863.D
 Acq On : 23 Apr 2020 16:07
 Operator : JC/MD
 Sample : VSTD00533
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00533

Quant Time: Apr 23 16:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 23 13:33:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	83294	4.463	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	33081	4.390	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	18990	4.415	ug/L	96
46) Tetrachloroethene	8.57	164	14866	4.757	ug/L	91
48) 2-Hexanone	8.71	43	61863	9.183	ug/L	96
49) Dibromochloromethane	8.83	129	19356	4.322	ug/L	98
50) 1,2-Dibromoethane	8.94	107	20786	4.502	ug/L #	96
51) Chlorobenzene	9.47	112	53235	4.568	ug/L	100
52) Ethylbenzene	9.59	91	90547	4.326	ug/L	100
53) m,p-Xylene	9.71	106	34724	4.375	ug/L	97
54) o-xylene	10.11	106	33682	4.367	ug/L	99
55) Styrene	10.13	104	57241	4.282	ug/L	100
56) Isopropylbenzene	10.50	105	90498	4.416	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	32269	4.210	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	29572	4.457	ug/L	99
61) Bromoform	10.31	173	13378	4.059	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	43262	4.859	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	43647	4.856	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	39733	4.524	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.01	75	9118	4.750	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	31261	4.837	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	31961	5.199	ug/L	98
69) Naphthalene	14.11	128	125137	5.779	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	32003	5.231	ug/L	100

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

