

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040524.D
 Acq On : 06 Oct 2020 13:35
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050204

Quant Time: Oct 07 07:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:29:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	279616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	277799	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	143061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	122243	51.55	ug/L	0.00
7) Chloroethane-d5	1.92	69	95140	53.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	232050	50.91	ug/L	0.00
21) 2-Butanone-d5	4.64	46	194001	99.28	ug/L	0.00
24) Chloroform-d	5.08	84	217304	51.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	148671	50.38	ug/L	0.00
32) Benzene-d6	5.74	84	412481	52.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	137786	51.35	ug/L	0.00
41) Toluene-d8	7.91	98	376033	52.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	69036	50.77	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	132188	110.64	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	190461	50.37	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	142281	51.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131515	62.147	ug/L 100
3) Chloromethane	1.53	50	136199	55.142	ug/L 100
5) Vinyl chloride	1.61	62	136990	55.510	ug/L 100
6) Bromomethane	1.86	94	70466	54.029	ug/L 100
8) Chloroethane	1.94	64	83618	53.180	ug/L 100
9) Trichlorofluoromethane	2.15	101	175763	52.153	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	105939	49.921	ug/L 100
12) 1,1-Dichloroethene	2.59	96	97749	49.480	ug/L 100
13) Acetone	2.63	43	184273	91.179	ug/L 100
14) Carbon disulfide	2.81	76	330959	51.989	ug/L 100
15) Methyl Acetate	2.96	43	149546	48.459	ug/L 100
16) Methylene chloride	3.06	84	112591	48.312	ug/L 100
17) trans-1,2-Dichloroethene	3.37	96	103140	50.489	ug/L 100
18) Methyl tert-butyl Ether	3.38	73	331243	49.642	ug/L 100
19) 1,1-Dichloroethane	3.89	63	208198	48.920	ug/L 100
20) cis-1,2-Dichloroethene	4.69	96	113787	50.870	ug/L 100
22) 2-Butanone	4.72	43	235680	97.584	ug/L 100
23) Bromochloromethane	4.99	128	57694	49.299	ug/L 100
25) Chloroform	5.11	83	212134	49.315	ug/L 100
27) 1,2-Dichloroethane	5.81	62	175268	48.039	ug/L 100
29) Cyclohexane	5.41	56	192797	51.019	ug/L 100
30) 1,1,1-Trichloroethane	5.33	97	177539	49.549	ug/L 100
31) Carbon tetrachloride	5.54	117	155274	49.847	ug/L 100
33) Benzene	5.79	78	452278	50.008	ug/L 100
34) Trichloroethene	6.56	95	113863	49.139	ug/L 100
35) Methylcyclohexane	6.77	83	176411	49.773	ug/L 100
37) 1,2-Dichloropropane	6.80	63	123456	48.615	ug/L 100
38) Bromodichloromethane	7.12	83	157834	48.952	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	183778	50.292	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	388353	95.718	ug/L 100

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42) Toluene	7.98	91	472051	51.576	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	184176	49.690	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	112080	50.476	ug/L	100
46) Tetrachloroethene	8.56	164	81827	50.210	ug/L	100
48) 2-Hexanone	8.69	43	321910	99.039	ug/L	100
49) Dibromochloromethane	8.82	129	120179	49.636	ug/L	100
50) 1,2-Dibromoethane	8.93	107	115775	48.912	ug/L	100
51) Chlorobenzene	9.45	112	298454	49.234	ug/L	100
52) Ethylbenzene	9.57	91	516645	50.738	ug/L	100
53) m,p-Xylene	9.70	106	192541	51.995	ug/L	100
54) o-xylene	10.10	106	187808	51.890	ug/L	100
55) Styrene	10.11	104	334289	53.768	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	191259	49.082	ug/L	100
59) Bromoform	10.29	173	85150	49.212	ug/L	100
60) 1,2,3-Trichloropropane	10.82	75	156573	47.035	ug/L	100
61) Isopropylbenzene	10.48	105	490725	50.253	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	414470	51.829	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	423370	52.410	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	227650	48.893	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	236057	48.837	ug/L	100
67) 1,2-Dichlorobenzene	12.21	146	228765	49.317	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	43202	46.414	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	150735	50.088	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	128714	49.798	ug/L	100
71) Naphthalene	14.08	128	401919	51.396	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	125929	50.183	ug/L	100

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

