

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038674.D
 Acq On : 08 Jun 2020 17:01
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Jun 08 17:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 16:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	620680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	612250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	317640	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	348939	89.56	ug/L	0.00
7) Chloroethane-d5	1.93	69	258369	85.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	744794	93.52	ug/L	0.00
21) 2-Butanone-d5	4.66	46	674540	182.21	ug/L	0.00
24) Chloroform-d	5.10	84	737290	96.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	476532	90.88	ug/L	0.00
32) Benzene-d6	5.76	84	1469450	92.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	450427	91.34	ug/L	0.00
41) Toluene-d8	7.92	98	1337830	95.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	239256	97.45	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	504410	194.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	691463	94.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	541615	91.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	466239	99.796	ug/L 99
3) Chloromethane	1.53	50	455559	105.800	ug/L 100
5) Vinyl chloride	1.62	62	478351	100.562	ug/L 99
6) Bromomethane	1.87	94	259632	133.416	ug/L 99
8) Chloroethane	1.95	64	281066	96.700	ug/L 98
9) Trichlorofluoromethane	2.16	101	654526	102.671	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	373924	98.099	ug/L 98
12) 1,1-Dichloroethene	2.60	96	385316	102.392	ug/L 91
13) Acetone	2.66	43	512138	166.495	ug/L 98
14) Carbon disulfide	2.82	76	1240080	101.041	ug/L 99
15) Methyl Acetate	2.98	43	555703	100.783	ug/L 99
16) Methylene chloride	3.08	84	446336	103.220	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	417277	103.230	ug/L 99
18) Methyl tert-butyl Ether	3.40	73	1399485	107.968	ug/L 100
19) 1,1-Dichloroethane	3.91	63	791754	103.431	ug/L 100
20) cis-1,2-Dichloroethene	4.71	96	463867	104.756	ug/L 98
22) 2-Butanone	4.75	43	828333	192.071	ug/L 99
23) Bromochloromethane	5.01	128	231548	105.623	ug/L 98
25) Chloroform	5.12	83	801518	101.818	ug/L 97
27) 1,2-Dichloroethane	5.83	62	656014	102.921	ug/L 100
29) Cyclohexane	5.42	56	685052	97.588	ug/L 100
30) 1,1,1-Trichloroethane	5.35	97	697545	104.774	ug/L 99
31) Carbon tetrachloride	5.56	117	579737	104.482	ug/L 100
33) Benzene	5.81	78	1779088	103.462	ug/L 100
34) Trichloroethene	6.57	95	450278	102.346	ug/L 100
35) Methylcyclohexane	6.79	83	688915	99.734	ug/L 98
37) 1,2-Dichloropropane	6.82	63	461638	103.516	ug/L 99
38) Bromodichloromethane	7.13	83	608165	106.416	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	752834	106.086	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	1495189	210.817	ug/L 100

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42) Toluene	7.99	91	1904337	105.487	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	727277	109.484	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	450568	106.466	ug/L	99
46) Tetrachloroethene	8.57	164	329156	102.336	ug/L	98
48) 2-Hexanone	8.71	43	1234508	206.156	ug/L	100
49) Dibromochloromethane	8.83	129	475167	110.892	ug/L	99
50) 1,2-Dibromoethane	8.94	107	495282	108.881	ug/L	99
51) Chlorobenzene	9.47	112	1199529	103.387	ug/L	99
52) Ethylbenzene	9.59	91	2135372	105.567	ug/L	99
53) m,p-Xylene	9.71	106	825269	106.686	ug/L	98
54) o-xylene	10.11	106	806015	107.172	ug/L	100
55) Styrene	10.13	104	1420421	109.889	ug/L	99
56) Isopropylbenzene	10.50	105	2091280	106.406	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	774962	107.006	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	664651	106.579	ug/L	100
61) Bromoform	10.31	173	356517	111.721	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	948642	102.160	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	959211	101.626	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	957525	103.984	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	208140	110.410	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	698667	105.721	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	681618	107.539	ug/L	99
69) Naphthalene	14.11	128	2581371	113.745	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	688970	108.811	ug/L	99

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

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