

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038673.D
 Acq On : 08 Jun 2020 16:39
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Jun 08 16:56:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 16:41:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	599237	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	588362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	300297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167280	44.47	ug/L	0.00
7) Chloroethane-d5	1.93	69	133592	45.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	362914	47.20	ug/L	0.00
21) 2-Butanone-d5	4.66	46	321904	90.07	ug/L	-0.01
24) Chloroform-d	5.10	84	359607	48.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	230073	45.45	ug/L	0.00
32) Benzene-d6	5.76	84	714793	46.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	219526	46.32	ug/L	0.00
41) Toluene-d8	7.92	98	651182	48.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	111702	47.35	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	235061	94.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	322927	46.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	254880	45.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	235977	52.317	ug/L	99
3) Chloromethane	1.53	50	222602	53.547	ug/L	98
5) Vinyl chloride	1.62	62	234135	50.983	ug/L	100
6) Bromomethane	1.87	94	124335	66.178	ug/L	97
8) Chloroethane	1.95	64	143264	51.053	ug/L	97
9) Trichlorofluoromethane	2.16	101	327956	53.285	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	190888	51.872	ug/L	99
12) 1,1-Dichloroethene	2.61	96	190658	52.477	ug/L	97
13) Acetone	2.66	43	247499	83.341	ug/L	96
14) Carbon disulfide	2.82	76	610789	51.548	ug/L	99
15) Methyl Acetate	2.98	43	269444	50.615	ug/L	99
16) Methylene chloride	3.08	84	221136	52.970	ug/L	95
17) trans-1,2-Dichloroethene	3.39	96	203865	52.239	ug/L	97
18) Methyl tert-butyl Ether	3.40	73	679873	54.328	ug/L	99
19) 1,1-Dichloroethane	3.91	63	387811	52.475	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	228550	53.461	ug/L	95
22) 2-Butanone	4.74	43	396974	95.343	ug/L	99
23) Bromochloromethane	5.01	128	112014	52.925	ug/L	97
25) Chloroform	5.12	83	388721	51.147	ug/L	96
27) 1,2-Dichloroethane	5.83	62	325884	52.957	ug/L	99
29) Cyclohexane	5.42	56	342306	50.742	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	345549	54.010	ug/L	99
31) Carbon tetrachloride	5.56	117	282868	53.049	ug/L	100
33) Benzene	5.81	78	878737	53.177	ug/L	100
34) Trichloroethene	6.57	95	221994	52.507	ug/L	100
35) Methylcyclohexane	6.79	83	338592	51.008	ug/L	100
37) 1,2-Dichloropropane	6.82	63	227300	53.038	ug/L	100
38) Bromodichloromethane	7.13	83	294466	53.617	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	356329	52.251	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	705316	103.485	ug/L	99

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42) Toluene	7.99	91	922375	53.167	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	341938	53.565	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	220589	54.240	ug/L	99
46) Tetrachloroethene	8.57	164	161206	52.155	ug/L	98
48) 2-Hexanone	8.70	43	580176	100.820	ug/L	99
49) Dibromochloromethane	8.83	129	226900	55.103	ug/L	99
50) 1,2-Dibromoethane	8.94	107	236198	54.033	ug/L	98
51) Chlorobenzene	9.47	112	584350	52.410	ug/L	99
52) Ethylbenzene	9.59	91	1027197	52.844	ug/L	99
53) m,p-Xylene	9.71	106	394404	53.056	ug/L	99
54) o-xylene	10.11	106	382773	52.962	ug/L	100
55) Styrene	10.13	104	673096	54.187	ug/L	99
56) Isopropylbenzene	10.50	105	1001280	53.015	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	361257	51.907	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	316829	52.867	ug/L	99
61) Bromoform	10.31	173	163279	54.122	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	457074	52.065	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	463990	51.998	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	456151	52.397	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	94993	53.300	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	328818	52.630	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	310237	51.773	ug/L	99
69) Naphthalene	14.11	128	1163233	54.217	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	322056	53.801	ug/L	99

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

