

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072320\
 Data File : VU039635.D
 Acq On : 23 Jul 2020 12:41
 Operator : SY/MD
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Jul 23 12:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 12:34:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	252434	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	259179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	151950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	272019	189.71	ug/L	0.00
7) Chloroethane-d5	1.92	69	390353	316.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	590325	190.50	ug/L	0.00
21) 2-Butanone-d5	4.65	46	648901	446.49	ug/L	0.00
24) Chloroform-d	5.08	84	660756	211.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	443830	209.43	ug/L	0.00
32) Benzene-d6	5.75	84	1263190	199.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	408350	206.33	ug/L	0.00
41) Toluene-d8	7.91	98	1271389	220.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	229436	230.30	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	505422	471.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	698830	232.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	601005	219.58	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	287080	148.528	ug/L	100
3) Chloromethane	1.53	50	277049	146.666	ug/L	97
5) Vinyl chloride	1.61	62	292642	147.887	ug/L	99
6) Bromomethane	1.87	94	262489	236.654	ug/L	99
8) Chloroethane	1.94	64	318839	251.840	ug/L	98
9) Trichlorofluoromethane	2.14	101	517266	180.149	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	255217	160.385	ug/L	98
12) 1,1-Dichloroethene	2.59	96	241728	156.066	ug/L	96
13) Acetone	2.65	43	361644	320.053	ug/L	100
14) Carbon disulfide	2.81	76	771116	153.641	ug/L	100
15) Methyl Acetate	2.96	43	368928	160.984	ug/L	98
16) Methylene chloride	3.06	84	281531	152.428	ug/L	95
17) trans-1,2-Dichloroethene	3.37	96	269481	157.058	ug/L	96
18) Methyl tert-butyl Ether	3.38	73	891377	160.381	ug/L	99
19) 1,1-Dichloroethane	3.89	63	511661	155.777	ug/L	98
20) cis-1,2-Dichloroethene	4.69	96	306376	160.221	ug/L	93
22) 2-Butanone	4.73	43	583632	338.571	ug/L	99
23) Bromochloromethane	5.00	128	156473	164.588	ug/L	98
25) Chloroform	5.11	83	554146	165.476	ug/L	100
27) 1,2-Dichloroethane	5.81	62	467509	169.883	ug/L	99
29) Cyclohexane	5.41	56	489679	166.951	ug/L	98
30) 1,1,1-Trichloroethane	5.34	97	507766	165.858	ug/L	99
31) Carbon tetrachloride	5.54	117	454531	178.031	ug/L	97
33) Benzene	5.79	78	1209106	159.344	ug/L	100
34) Trichloroethene	6.56	95	330427	169.248	ug/L	98
35) Methylcyclohexane	6.78	83	515063	174.927	ug/L	98
37) 1,2-Dichloropropane	6.81	63	318372	160.261	ug/L	99
38) Bromodichloromethane	7.12	83	449907	174.982	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	515678	168.458	ug/L	99
40) 4-Methyl-2-pentanone	7.81	43	1179194	368.732	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	1367808	170.782	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	535876	181.718	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	323702	169.428	ug/L	97
46) Tetrachloroethene	8.56	164	270787	192.755	ug/L	96
48) 2-Hexanone	8.70	43	953533	360.390	ug/L	98
49) Dibromochloromethane	8.82	129	403018	201.453	ug/L	99
50) 1,2-Dibromoethane	8.93	107	372182	179.775	ug/L	100
51) Chlorobenzene	9.45	112	898194	175.111	ug/L	96
52) Ethylbenzene	9.57	91	1561271	176.525	ug/L	98
53) m,p-Xylene	9.70	106	595322	176.293	ug/L	95
54) o-xylene	10.10	106	582399	177.312	ug/L	97
55) Styrene	10.12	104	1026781	180.429	ug/L	97
56) Isopropylbenzene	10.48	105	1578561	183.177	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	589953	178.480	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	487771	173.907	ug/L	99
61) Bromoform	10.29	173	349330	205.820	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	803436	171.588	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	817749	172.888	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	806136	172.288	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	163486	166.974	ug/L	83
67) 1,3,5-Trichlorobenzene	13.21	180	641658	190.196	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	600418	190.540	ug/L	98
69) Naphthalene	14.08	128	1858728	172.286	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	588769	188.264	ug/L	99

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

