

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018895.D
 Acq On : 14 Oct 2020 14:45
 Operator : SY/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20005

Quant Time: Oct 14 15:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 14:19:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	372868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	204402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	582988	248.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	453343	235.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1100160	234.27	ug/L	0.00
21) 2-Butanone-d5	3.91	46	870288	502.49	ug/L	0.00
24) Chloroform-d	4.37	84	1056927	217.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	707740	226.27	ug/L	0.00
32) Benzene-d6	5.07	84	2072276	214.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	670710	227.20	ug/L	0.00
41) Toluene-d8	7.34	98	1927972	214.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	360788	230.50	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	639414	568.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	876598	229.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	789805	200.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	621003	235.401	ug/L	99
3) Chloromethane	1.25	50	685443	237.861	ug/L	99
5) Vinyl chloride	1.32	62	672351	226.892	ug/L	99
6) Bromomethane	1.53	94	413083	209.108	ug/L	100
8) Chloroethane	1.60	64	406358	222.946	ug/L	99
9) Trichlorofluoromethane	1.76	101	895501	206.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	465806	192.956	ug/L	98
12) 1,1-Dichloroethene	2.13	96	470449	200.557	ug/L	91
13) Acetone	2.20	43	556975	387.851	ug/L	98
14) Carbon disulfide	2.31	76	1604795	210.142	ug/L	100
15) Methyl Acetate	2.45	43	623473	221.002	ug/L	99
16) Methylene chloride	2.52	84	554790	197.540	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	528724	198.384	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	1750586	213.555	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1011501	212.421	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	574436	203.470	ug/L	99
22) 2-Butanone	3.99	43	896689	489.331	ug/L	95
23) Bromochloromethane	4.27	128	293273	191.040	ug/L	98
25) Chloroform	4.40	83	1009864	202.578	ug/L	98
27) 1,2-Dichloroethane	5.15	62	844525	215.707	ug/L	99
29) Cyclohexane	4.70	56	934982	220.870	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	891749	194.883	ug/L	99
31) Carbon tetrachloride	4.85	117	777850	191.446	ug/L	99
33) Benzene	5.12	78	2217954	202.085	ug/L	100
34) Trichloroethene	5.94	95	587686	185.709	ug/L	98
35) Methylcyclohexane	6.15	83	819177	196.869	ug/L	98
37) 1,2-Dichloropropane	6.20	63	603402	211.834	ug/L	99
38) Bromodichloromethane	6.53	83	777931	206.975	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	984304	224.635	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	1760491	471.616	ug/L	99

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42) Toluene	7.41	91	2358636	200.051	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	968625	223.402	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	543783	196.502	ug/L	99
46) Tetrachloroethene	8.00	164	445102	178.037	ug/L	98
48) 2-Hexanone	8.16	43	1386231	474.520	ug/L	100
49) Dibromochloromethane	8.27	129	628092	201.231	ug/L	98
50) 1,2-Dibromoethane	8.37	107	581538	198.968	ug/L	99
51) Chlorobenzene	8.90	112	1485169	188.650	ug/L	99
52) Ethylbenzene	9.03	91	2626700	200.706	ug/L	99
53) m,p-Xylene	9.16	106	984398	196.339	ug/L	98
54) o-xylene	9.56	106	953775	200.510	ug/L	98
55) Styrene	9.58	104	1712181	206.301	ug/L	100
56) Isopropylbenzene	9.95	105	2515087	197.997	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	846054	218.456	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	721207	209.487	ug/L	100
61) Bromoform	9.75	173	470253	203.441	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	1223072	187.982	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	1257664	186.882	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1232317	190.061	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	207076	231.394	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	850556	189.839	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	817672	196.827	ug/L	100
69) Naphthalene	13.52	128	2532157	212.701	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	786069	187.569	ug/L	99

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

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