

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019510.D
 Acq On : 10 Dec 2020 13:16
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Dec 10 14:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:37:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	769797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	726655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	360240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1099592	256.57	ug/L	0.00
7) Chloroethane-d5	1.57	69	867202	196.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	2032738	201.26	ug/L	0.00
21) 2-Butanone-d5	3.89	46	1270879	396.77	ug/L	0.00
24) Chloroform-d	4.35	84	1998219	202.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	1315623	200.33	ug/L	0.00
32) Benzene-d6	5.05	84	3832043	212.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	1221038	199.74	ug/L	0.00
41) Toluene-d8	7.32	98	3483151	224.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	710623	239.47	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	995264	546.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	1661874	227.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	1326086	224.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	1236385	315.379	ug/L	99
3) Chloromethane	1.24	50	1315613	306.403	ug/L	100
5) Vinyl chloride	1.31	62	1326169	270.524	ug/L	98
6) Bromomethane	1.52	94	793715	188.795	ug/L	100
8) Chloroethane	1.59	64	793300	218.881	ug/L	99
9) Trichlorofluoromethane	1.75	101	1552408	204.573	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	892069	203.819	ug/L	99
12) 1,1-Dichloroethene	2.12	96	926341	219.316	ug/L #	82
13) Acetone	2.18	43	992752	247.729	ug/L	99
14) Carbon disulfide	2.30	76	3053492	252.915	ug/L	99
15) Methyl Acetate	2.43	43	1153244	172.989	ug/L	99
16) Methylene chloride	2.51	84	1060458	187.969	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	1027333	216.670	ug/L	99
18) Methyl tert-butyl Ether	2.77	73	3514179	203.743	ug/L	100
19) 1,1-Dichloroethane	3.19	63	1954124	182.598	ug/L	100
20) cis-1,2-Dichloroethene	3.91	96	1128975	206.974	ug/L #	99
22) 2-Butanone	3.97	43	1650647	329.537	ug/L	97
23) Bromochloromethane	4.25	128	552673	205.468	ug/L	97
25) Chloroform	4.38	83	1952469	184.289	ug/L	100
27) 1,2-Dichloroethane	5.14	62	1626709	188.273	ug/L	100
29) Cyclohexane	4.68	56	1774680	230.833	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	1805525	205.286	ug/L	100
31) Carbon tetrachloride	4.83	117	1533715	211.712	ug/L	99
33) Benzene	5.10	78	4187882	202.967	ug/L	100
34) Trichloroethene	5.92	95	1124294	194.931	ug/L	99
35) Methylcyclohexane	6.14	83	1697342	237.505	ug/L	100
37) 1,2-Dichloropropane	6.18	63	1115339	186.272	ug/L	100
38) Bromodichloromethane	6.51	83	1554266	198.373	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	1945478	224.337	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	3248523	370.011	ug/L	99

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42) Toluene	7.39	91	4446119	212.615	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	1903483	216.722	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	1041373	191.756	ug/L	99
46) Tetrachloroethene	7.98	164	775681	217.887	ug/L	98
48) 2-Hexanone	8.14	43	2506498	359.389	ug/L	99
49) Dibromochloromethane	8.25	129	1194228	209.950	ug/L	100
50) 1,2-Dibromoethane	8.36	107	1131018	207.538	ug/L	100
51) Chlorobenzene	8.88	112	2855456	209.089	ug/L	99
52) Ethylbenzene	9.02	91	5072551	220.406	ug/L	99
53) m,p-Xylene	9.14	106	1921164	232.380	ug/L	98
54) o-xylene	9.55	106	1888459	235.905	ug/L	96
55) Styrene	9.57	104	3321240	234.331	ug/L	99
56) Isopropylbenzene	9.94	105	4914058	226.746	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	1710802	206.536	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	1387528	186.577	ug/L	100
61) Bromoform	9.74	173	837926	208.779	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	2203963	211.143	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	2240476	205.201	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	2190575	205.633	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	474456	221.893	ug/L	99
67) 1,3,5-Trichlorobenzene	12.65	180	1569868	201.909	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	1504575	218.498	ug/L	99
69) Naphthalene	13.51	128	5255660	269.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.75	180	1444127	205.496	ug/L	100

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

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