

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017541.D
 Acq On : 20 Jul 2020 13:22
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Jul 20 17:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 17:41:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291939	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	310587	201.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	254059	227.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	791052	226.91	ug/L	0.00
21) 2-Butanone-d5	3.90	46	479043	456.07	ug/L	0.00
24) Chloroform-d	4.37	84	727222	206.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	512162	212.29	ug/L	0.00
32) Benzene-d6	5.07	84	1235753	182.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	357621	183.13	ug/L	0.00
41) Toluene-d8	7.34	98	1213644	186.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	241848	209.62	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	379989	456.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	537675	192.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	621308	204.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	487809	159.185	ug/L	98
3) Chloromethane	1.25	50	379552	174.017	ug/L	100
5) Vinyl chloride	1.32	62	423942	188.051	ug/L	100
6) Bromomethane	1.53	94	281698	231.269	ug/L	99
8) Chloroethane	1.60	64	230954	193.972	ug/L	99
9) Trichlorofluoromethane	1.76	101	730243	175.210	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	406930	206.175	ug/L	98
12) 1,1-Dichloroethene	2.13	96	376051	210.954	ug/L	97
13) Acetone	2.19	43	502623	359.031	ug/L	97
14) Carbon disulfide	2.31	76	915169	174.665	ug/L	100
15) Methyl Acetate	2.44	43	361478	193.786	ug/L	100
16) Methylene chloride	2.52	84	360659	177.907	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	335586	179.555	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1278245	199.558	ug/L	100
19) 1,1-Dichloroethane	3.21	63	639284	183.766	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	387083	190.717	ug/L	98
22) 2-Butanone	3.99	43	511077	378.415	ug/L	96
23) Bromochloromethane	4.27	128	216612	191.043	ug/L	95
25) Chloroform	4.40	83	733793	187.211	ug/L	99
27) 1,2-Dichloroethane	5.15	62	654970	191.101	ug/L	100
29) Cyclohexane	4.70	56	505204	156.351	ug/L #	99
30) 1,1,1-Trichloroethane	4.63	97	722292	167.342	ug/L	98
31) Carbon tetrachloride	4.86	117	657630	166.912	ug/L	100
33) Benzene	5.13	78	1376807	166.469	ug/L	100
34) Trichloroethene	5.94	95	387313	158.991	ug/L	97
35) Methylcyclohexane	6.15	83	561242	157.623	ug/L	100
37) 1,2-Dichloropropane	6.20	63	341716	168.433	ug/L	100
38) Bromodichloromethane	6.53	83	585500	175.700	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	644004	184.427	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1021151	360.974	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1568704	169.989	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	680702	188.444	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	374904	168.691	ug/L	98
46) Tetrachloroethene	8.00	164	335978	162.490	ug/L	100
48) 2-Hexanone	8.16	43	910828	397.892	ug/L	99
49) Dibromochloromethane	8.27	129	535436	191.914	ug/L	100
50) 1,2-Dibromoethane	8.37	107	449191	184.040	ug/L	98
51) Chlorobenzene	8.90	112	1202847	190.695	ug/L	99
52) Ethylbenzene	9.03	91	2223182	209.739	ug/L	98
53) m,p-Xylene	9.16	106	750147	189.377	ug/L	100
54) o-xylene	9.57	106	684012	178.353	ug/L	99
55) Styrene	9.58	104	1212753	181.838	ug/L	98
56) Isopropylbenzene	9.95	105	1883116	176.660	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	587293	178.365	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	497751	174.820	ug/L	99
61) Bromoform	9.75	173	407072	184.117	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	960135	169.966	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	1115749	193.663	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1061702	187.532	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	186496	198.188	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	758292	176.217	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	712961	188.177	ug/L	99
69) Naphthalene	13.52	128	2105536	199.636	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	701768	183.175	ug/L	99

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

