

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018777.D
 Acq On : 08 Oct 2020 21:28
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Oct 08 23:38:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324418	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173404	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	607735	291.68	ug/L	0.00
7) Chloroethane-d5	1.57	69	453689	265.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1142227	273.84	ug/L	0.00
21) 2-Butanone-d5	3.90	46	824768	559.99	ug/L	0.00
24) Chloroform-d	4.37	84	1030648	242.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	707220	257.60	ug/L	0.00
32) Benzene-d6	5.07	84	2011809	229.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	642034	233.42	ug/L	0.00
41) Toluene-d8	7.34	98	1865842	228.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	355929	249.61	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	602215	602.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	828203	238.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	760609	222.62	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	395171	184.583	ug/L	100
3) Chloromethane	1.25	50	513346	216.541	ug/L	100
5) Vinyl chloride	1.32	62	545524	218.025	ug/L	100
6) Bromomethane	1.53	94	314831	190.404	ug/L	99
8) Chloroethane	1.59	64	332548	213.347	ug/L	98
9) Trichlorofluoromethane	1.76	101	795173	211.155	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	437792	207.142	ug/L	99
12) 1,1-Dichloroethene	2.13	96	427131	210.400	ug/L	97
13) Acetone	2.18	43	536375	431.145	ug/L	97
14) Carbon disulfide	2.31	76	1298965	201.943	ug/L	100
15) Methyl Acetate	2.44	43	603530	250.068	ug/L	99
16) Methylene chloride	2.52	84	514414	211.726	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	477414	212.832	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	1660883	238.084	ug/L	99
19) 1,1-Dichloroethane	3.21	63	865457	213.736	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	490462	204.606	ug/L	99
22) 2-Butanone	3.98	43	754435	494.768	ug/L	93
23) Bromochloromethane	4.27	128	243241	186.391	ug/L	98
25) Chloroform	4.40	83	880884	207.272	ug/L	99
27) 1,2-Dichloroethane	5.15	62	752913	224.921	ug/L	99
29) Cyclohexane	4.70	56	761138	202.103	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	795291	194.148	ug/L	100
31) Carbon tetrachloride	4.85	117	688480	188.785	ug/L	100
33) Benzene	5.12	78	1901599	195.552	ug/L	100
34) Trichloroethene	5.94	95	497657	174.086	ug/L	99
35) Methylcyclohexane	6.15	83	667862	176.007	ug/L	100
37) 1,2-Dichloropropane	6.20	63	511115	199.388	ug/L	100
38) Bromodichloromethane	6.53	83	680734	202.992	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	854539	219.729	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	1536457	472.970	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2011280	192.330	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	838149	217.906	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	463865	189.030	ug/L	97
46) Tetrachloroethene	8.00	164	375801	167.931	ug/L	99
48) 2-Hexanone	8.16	43	1179295	464.760	ug/L	99
49) Dibromochloromethane	8.27	129	547845	197.153	ug/L	98
50) 1,2-Dibromoethane	8.37	107	497766	192.328	ug/L	99
51) Chlorobenzene	8.90	112	1348527	192.167	ug/L	99
52) Ethylbenzene	9.03	91	2497829	213.583	ug/L	99
53) m,p-Xylene	9.16	106	936543	208.636	ug/L	99
54) o-xylene	9.56	106	865255	204.119	ug/L	99
55) Styrene	9.58	104	1547343	208.598	ug/L	100
56) Isopropylbenzene	9.95	105	2228243	191.956	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	732544	211.557	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	623083	203.790	ug/L	99
61) Bromoform	9.75	173	408275	207.514	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1054705	190.196	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1097055	191.942	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1062185	192.745	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	185189	249.802	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	727650	191.527	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	727396	206.645	ug/L	99
69) Naphthalene	13.52	128	2331136	231.712	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	723462	204.025	ug/L	100

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

