

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018165.D
 Acq On : 09 Sep 2020 11:46
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Sep 10 02:10:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 02:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	511500	208.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	415657	207.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	946517	203.35	ug/L	0.00
21) 2-Butanone-d5	3.91	46	680352	431.91	ug/L	0.00
24) Chloroform-d	4.38	84	928052	210.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	587234	206.21	ug/L	0.00
32) Benzene-d6	5.08	84	1843654	211.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	590424	209.40	ug/L	0.00
41) Toluene-d8	7.34	98	1722955	218.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	320798	245.35	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	547783	581.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	778595	212.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	743445	210.82	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	452056	184.953	ug/L	99
3) Chloromethane	1.25	50	510573	182.879	ug/L	98
5) Vinyl chloride	1.32	62	527024	190.099	ug/L	100
6) Bromomethane	1.53	94	336583	201.481	ug/L	99
8) Chloroethane	1.60	64	326961	184.745	ug/L	100
9) Trichlorofluoromethane	1.76	101	714028	180.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	430415	192.135	ug/L	99
12) 1,1-Dichloroethene	2.13	96	432452	203.720	ug/L	95
13) Acetone	2.19	43	463413	298.654	ug/L	98
14) Carbon disulfide	2.31	76	1325070	221.752	ug/L	100
15) Methyl Acetate	2.45	43	476683	186.297	ug/L	99
16) Methylene chloride	2.52	84	479208	181.286	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	458919	210.178	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	1481328	208.756	ug/L	99
19) 1,1-Dichloroethane	3.21	63	851349	196.312	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	505136	212.481	ug/L	97
22) 2-Butanone	3.99	43	674307	383.987	ug/L	98
23) Bromochloromethane	4.27	128	260155	208.774	ug/L	98
25) Chloroform	4.40	83	864116	195.393	ug/L	99
27) 1,2-Dichloroethane	5.15	62	677241	193.674	ug/L	99
29) Cyclohexane	4.70	56	783348	206.897	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	760132	198.870	ug/L	99
31) Carbon tetrachloride	4.86	117	661741	205.154	ug/L	98
33) Benzene	5.13	78	1909434	199.119	ug/L	100
34) Trichloroethene	5.94	95	500218	195.949	ug/L	99
35) Methylcyclohexane	6.15	83	789748	206.053	ug/L	99
37) 1,2-Dichloropropane	6.20	63	508802	195.636	ug/L	99
38) Bromodichloromethane	6.53	83	668563	205.223	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	848337	227.108	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	1312302	392.553	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2065845	205.505	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	821238	230.839	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	471460	195.221	ug/L	98
46) Tetrachloroethene	8.00	164	406056	213.061	ug/L	98
48) 2-Hexanone	8.16	43	1015288	378.441	ug/L	98
49) Dibromochloromethane	8.27	129	557224	230.840	ug/L	100
50) 1,2-Dibromoethane	8.37	107	511922	203.999	ug/L	100
51) Chlorobenzene	8.90	112	1329501	204.765	ug/L	99
52) Ethylbenzene	9.03	91	2298502	209.361	ug/L	99
53) m,p-Xylene	9.16	106	870108	215.012	ug/L	97
54) o-xylene	9.56	106	849622	212.660	ug/L	99
55) Styrene	9.58	104	1509608	221.131	ug/L	99
56) Isopropylbenzene	9.95	105	2249719	212.766	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	749181	201.431	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	601660	189.018	ug/L	100
61) Bromoform	9.75	173	427593	247.270	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1116017	198.862	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1142292	198.065	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	1137667	198.077	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	178161	215.613	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	906245	210.699	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	857659	226.845	ug/L	99
69) Naphthalene	13.52	128	2370554	232.823	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	827132	216.426	ug/L	100

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

