

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015754.D
 Acq On : 29 Jun 2020 10:54
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Jun 29 11:53:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 11:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	358453	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170766	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	247378	75.31	ug/L	0.00
7) Chloroethane-d5	2.89	69	200568	61.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	455524	56.91	ug/L	0.00
20) 2-Butanone-d5	7.09	46	117195	109.28	ug/L	0.00
24) Chloroform-d	7.65	84	434761	52.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	250439	54.31	ug/L	0.00
29) Benzene-d6	8.28	84	862662	52.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	253717	50.80	ug/L	0.00
37) Toluene-d8	10.32	98	819775	51.31	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	122297	52.93	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	96730	111.87	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	216446	57.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	291680	50.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	170336	53.790	ug/L 96
3) Chloromethane	2.21	50	168483	48.331	ug/L 98
5) Vinyl chloride	2.37	62	261602	49.901	ug/L 99
6) Bromomethane	2.78	94	170175	49.943	ug/L 99
8) Chloroethane	2.93	64	164554	51.565	ug/L 96
9) Trichlorofluoromethane	3.26	101	208315	55.837	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	210637	47.604	ug/L 99
12) 1,1-Dichloroethene	4.04	96	202805	47.449	ug/L 94
13) Acetone	4.14	43	96803	116.758	ug/L 98
14) Carbon disulfide	4.39	76	641859	45.014	ug/L 98
15) Methyl Acetate	4.68	43	95549	53.268	ug/L 100
16) Methylene chloride	4.92	84	207136	47.083	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	320647	47.274	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	220615	48.163	ug/L 98
19) 1,1-Dichloroethane	6.22	63	391402	47.507	ug/L 100
21) 2-Butanone	7.18	43	129575	101.737	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	229548	48.039	ug/L 97
23) Bromochloromethane	7.52	128	103251	50.109	ug/L 95
25) Chloroform	7.68	83	397831	47.955	ug/L 100
27) 1,2-Dichloroethane	8.40	62	282360	50.312	ug/L 99
30) Cyclohexane	7.96	56	374884	45.255	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	347595	46.364	ug/L 99
32) Carbon tetrachloride	8.07	117	319847	46.515	ug/L 100
34) Benzene	8.33	78	889601	47.469	ug/L 100
35) Trichloroethene	9.09	95	236350	46.951	ug/L 99
36) Methylcyclohexane	9.34	83	423565	47.177	ug/L 99
40) 1,2-Dichloropropane	9.37	63	217433	47.113	ug/L 99
41) Bromodichloromethane	9.65	83	293083	47.536	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	362349	49.063	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	281257	103.965	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1001210	49.036	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	323916	50.399	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	164941	51.085	ug/L	99
47) Tetrachloroethene	10.87	164	192666	48.282	ug/L	98
49) 2-Hexanone	10.97	43	201495	110.345	ug/L	99
50) Dibromochloromethane	11.13	129	198329	50.558	ug/L	96
51) 1,2-Dibromoethane	11.24	107	163739	52.824	ug/L	99
52) Chlorobenzene	11.66	112	627594	49.004	ug/L	99
53) Ethylbenzene	11.73	91	1147417	48.941	ug/L	99
54) m,p-Xylene	11.84	106	431336	49.029	ug/L	94
55) o-xylene	12.17	106	416600	49.888	ug/L	96
56) Styrene	12.18	104	721450	50.561	ug/L	100
57) Isopropylbenzene	12.46	105	1149372	49.410	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	204428	54.689	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	153931	54.310	ug/L	99
62) Bromoform	12.35	173	117216	49.265	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	490889	46.977	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	489091	47.768	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	442627	48.744	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	34811	50.534	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	348219	48.133	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	287930	49.415	ug/L	99
69) Naphthalene	15.37	128	593882	56.133	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	257386	51.923	ug/L	98

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

