

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017077.D
 Acq On : 04 Nov 2020 15:18
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Nov 04 15:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	527555	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	485110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	343777	52.64	ug/L	0.00
7) Chloroethane-d5	2.89	69	260283	51.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	591596	48.23	ug/L	0.00
20) 2-Butanone-d5	7.08	46	147248	115.80	ug/L	0.00
24) Chloroform-d	7.65	84	609555	48.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	299288	49.23	ug/L	0.00
29) Benzene-d6	8.27	84	1219606	46.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	340866	48.23	ug/L	0.00
37) Toluene-d8	10.32	98	1141522	46.64	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	160696	52.92	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	127492	121.93	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	296757	53.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	429041	45.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	260118	44.302	ug/L	100
3) Chloromethane	2.21	50	231565	45.103	ug/L	99
5) Vinyl chloride	2.37	62	340354	45.230	ug/L	99
6) Bromomethane	2.78	94	230873	45.036	ug/L	99
8) Chloroethane	2.93	64	206752	47.421	ug/L	99
9) Trichlorofluoromethane	3.26	101	283526	47.224	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	335527	46.538	ug/L	99
12) 1,1-Dichloroethene	4.04	96	317085	46.077	ug/L	93
13) Acetone	4.12	43	97196	115.686	ug/L	98
14) Carbon disulfide	4.39	76	857767	42.003	ug/L	99
15) Methyl Acetate	4.67	43	122303	56.408	ug/L	99
16) Methylene chloride	4.92	84	309908	43.965	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	393251	50.733	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	327910	45.735	ug/L	99
19) 1,1-Dichloroethane	6.22	63	522926	47.136	ug/L	99
21) 2-Butanone	7.17	43	156852	113.070	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	352399	48.035	ug/L	97
23) Bromochloromethane	7.52	128	171680	49.951	ug/L	94
25) Chloroform	7.68	83	565954	47.620	ug/L	100
27) 1,2-Dichloroethane	8.40	62	339767	49.358	ug/L	99
30) Cyclohexane	7.96	56	454417	45.481	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	489753	46.721	ug/L	100
32) Carbon tetrachloride	8.07	117	475370	47.108	ug/L	98
34) Benzene	8.32	78	1231539	45.880	ug/L	100
35) Trichloroethene	9.09	95	340899	46.038	ug/L	99
36) Methylcyclohexane	9.34	83	562424	45.685	ug/L	99
40) 1,2-Dichloropropane	9.37	63	290110	47.912	ug/L	100
41) Bromodichloromethane	9.65	83	410612	49.675	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	488154	51.416	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	346026	113.813	ug/L	99

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44) Toluene	10.39	91	1370873	47.113	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	422749	53.119	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	247607	50.135	ug/L	96
47) Tetrachloroethene	10.87	164	298732	44.038	ug/L	93
49) 2-Hexanone	10.97	43	235967	121.923	ug/L	99
50) Dibromochloromethane	11.13	129	318726	53.071	ug/L	96
51) 1,2-Dibromoethane	11.24	107	249926	52.576	ug/L	98
52) Chlorobenzene	11.66	112	917230	46.948	ug/L	99
53) Ethylbenzene	11.73	91	1548722	47.539	ug/L	99
54) m,p-Xylene	11.84	106	616384	48.133	ug/L	97
55) o-xylene	12.16	106	584539	48.660	ug/L	99
56) Styrene	12.18	104	1011179	50.395	ug/L	99
57) Isopropylbenzene	12.46	105	1607120	48.843	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	297666	54.798	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	212273	54.559	ug/L	98
62) Bromoform	12.35	173	197705	53.065	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	763504	46.213	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	753181	45.624	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	685760	46.461	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	47549	56.320	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	577537	47.638	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	470701	49.706	ug/L	97
69) Naphthalene	15.36	128	956404	59.599	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	441002	52.692	ug/L	98

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

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