

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
 Data File : VW013893.D
 Acq On : 01 Nov 2019 11:55
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05002

Quant Time: Nov 01 11:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 12:21:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	301404	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181284	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	222604	48.51	ug/L	0.00
7) Chloroethane-d5	2.89	69	184374	51.36	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	465953	50.75	ug/L	0.00
20) 2-Butanone-d5	7.07	46	174737	108.35	ug/L	0.00
24) Chloroform-d	7.65	84	468126	50.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	252958	50.43	ug/L	0.00
29) Benzene-d6	8.27	84	980532	51.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	294160	51.41	ug/L	0.00
37) Toluene-d8	10.32	98	935726	51.26	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	138855	53.05	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	150974	114.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	271001	52.11	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	353294	50.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	178672	53.615 ug/L	96
3) Chloromethane	2.21	50	183641	51.260 ug/L	99
5) Vinyl chloride	2.37	62	262944	51.766 ug/L	100
6) Bromomethane	2.78	94	163354	51.044 ug/L	100
8) Chloroethane	2.92	64	155416	54.180 ug/L	96
9) Trichlorofluoromethane	3.25	101	132262	59.716 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	260413	52.332 ug/L	100
12) 1,1-Dichloroethene	4.04	96	265144	53.133 ug/L	92
13) Acetone	4.12	43	134458	89.090 ug/L	98
14) Carbon disulfide	4.39	76	773449	53.328 ug/L	99
15) Methyl Acetate	4.67	43	149402	53.763 ug/L	100
16) Methylene chloride	4.92	84	266421	45.215 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	346044	55.690 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	275300	52.669 ug/L	99
19) 1,1-Dichloroethane	6.21	63	467221	52.256 ug/L	97
21) 2-Butanone	7.17	43	217634	100.495 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	297309	53.138 ug/L	95
23) Bromochloromethane	7.51	128	136783	52.368 ug/L	94
25) Chloroform	7.67	83	463070	51.589 ug/L	98
27) 1,2-Dichloroethane	8.40	62	310262	52.554 ug/L	99
30) Cyclohexane	7.95	56	471244	55.719 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	359688	53.263 ug/L	100
32) Carbon tetrachloride	8.07	117	359541	53.487 ug/L	99
34) Benzene	8.32	78	1085487	53.125 ug/L	100
35) Trichloroethene	9.09	95	283943	52.654 ug/L	99
36) Methylcyclohexane	9.34	83	510075	54.640 ug/L	99
40) 1,2-Dichloropropane	9.37	63	269429	53.376 ug/L	99
41) Bromodichloromethane	9.64	83	345146	54.445 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	442531	55.843 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	431247	110.722 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1190134	53.944	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	370052	57.256	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	213990	52.579	ug/L	97
47) Tetrachloroethene	10.86	164	256746	53.014	ug/L	99
49) 2-Hexanone	10.97	43	317202	113.809	ug/L	99
50) Dibromochloromethane	11.13	129	261958	55.365	ug/L	98
51) 1,2-Dibromoethane	11.23	107	215251	54.036	ug/L	100
52) Chlorobenzene	11.66	112	759654	53.096	ug/L	99
53) Ethylbenzene	11.73	91	1317413	54.095	ug/L	99
54) m,p-Xylene	11.84	106	517377	54.302	ug/L	95
55) o-xylene	12.16	106	488710	54.496	ug/L	100
56) Styrene	12.18	104	858468	55.791	ug/L	96
57) Isopropylbenzene	12.46	105	1330217	55.425	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	276909	54.196	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	205832	52.872	ug/L	99
62) Bromoform	12.35	173	172294	54.624	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	638687	53.979	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	637227	53.094	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	580487	53.078	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	47627	55.099	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	490340	53.868	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	412782	56.538	ug/L	99
69) Naphthalene	15.36	128	855873	60.935	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	381053	56.450	ug/L	100

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

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