

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013300.D
 Acq On : 26 Sep 2019 10:53
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Sep 26 11:34:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 11:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	484972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	433943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136895	28.07	ug/L	0.00
7) Chloroethane-d5	2.89	69	108247	26.98	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	275280	23.60	ug/L	0.00
20) 2-Butanone-d5	7.08	46	96165	52.73	ug/L	0.00
24) Chloroform-d	7.65	84	253801	20.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	136739	20.87	ug/L	0.00
29) Benzene-d6	8.27	84	544587	24.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	160004	21.89	ug/L	0.00
37) Toluene-d8	10.32	98	518145	24.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	71235	22.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	74560	54.06	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141881	25.72	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	182015	21.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	86433	23.087	ug/L 100
3) Chloromethane	2.21	50	104503	20.459	ug/L 100
5) Vinyl chloride	2.36	62	151559	22.977	ug/L 100
6) Bromomethane	2.78	94	90752	23.035	ug/L 100
8) Chloroethane	2.92	64	88782	22.322	ug/L 100
9) Trichlorofluoromethane	3.26	101	93537	23.654	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	142908	24.678	ug/L 100
12) 1,1-Dichloroethene	4.04	96	140627	24.316	ug/L 100
13) Acetone	4.14	43	87209	55.487	ug/L 99
14) Carbon disulfide	4.39	76	409537	23.686	ug/L 100
15) Methyl Acetate	4.67	43	83770	28.538	ug/L 100
16) Methylene chloride	4.91	84	156823	23.685	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	241124	23.964	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	149211	24.056	ug/L 100
19) 1,1-Dichloroethane	6.21	63	261110	22.218	ug/L 100
21) 2-Butanone	7.17	43	122515	59.169	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	162840	24.749	ug/L 100
23) Bromochloromethane	7.51	128	72445	25.414	ug/L 100
25) Chloroform	7.68	83	253259	21.400	ug/L 100
27) 1,2-Dichloroethane	8.40	62	167760	20.976	ug/L 100
30) Cyclohexane	7.95	56	265912	22.991	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	208542	21.083	ug/L 100
32) Carbon tetrachloride	8.07	117	199114	21.559	ug/L 100
34) Benzene	8.32	78	611275	23.425	ug/L 100
35) Trichloroethene	9.09	95	158540	23.021	ug/L 100
36) Methylcyclohexane	9.34	83	284347	23.877	ug/L 100
40) 1,2-Dichloropropane	9.37	63	147215	22.428	ug/L 100
41) Bromodichloromethane	9.65	83	180928	21.637	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	237615	23.041	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	237387	56.850	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	657342	23.542	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	193577	23.158	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	114750	25.997	ug/L	100
47) Tetrachloroethene	10.86	164	143432	24.187	ug/L	100
49) 2-Hexanone	10.97	43	175867	56.978	ug/L	100
50) Dibromochloromethane	11.13	129	133803	24.890	ug/L	100
51) 1,2-Dibromoethane	11.23	107	115175	27.126	ug/L	100
52) Chlorobenzene	11.66	112	408228	23.400	ug/L	100
53) Ethylbenzene	11.73	91	730279	23.045	ug/L	100
54) m,p-Xylene	11.84	106	281667	23.773	ug/L	100
55) o-xylene	12.16	106	264368	23.719	ug/L	100
56) Styrene	12.18	104	460097	24.259	ug/L	100
57) Isopropylbenzene	12.46	105	724597	23.674	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	147141	29.308	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	108922	28.154	ug/L	100
62) Bromoform	12.35	173	84899	26.816	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	331876	23.650	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	333173	23.799	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	303036	24.081	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	23742	27.223	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	260355	24.120	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	210780	24.633	ug/L	100
69) Naphthalene	15.36	128	425004	30.668	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	189510	25.101	ug/L	100

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

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