

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014827.D
 Acq On : 03 Feb 2020 10:55
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Feb 03 11:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 19:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	817440	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	743009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	352211	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	369519	28.54	ug/L	0.00
7) Chloroethane-d5	2.89	69	306653	27.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	678703	28.97	ug/L	0.00
20) 2-Butanone-d5	7.07	46	269166	73.21	ug/L	0.00
24) Chloroform-d	7.65	84	637046	28.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	366894	30.19	ug/L	0.00
29) Benzene-d6	8.27	84	1320507	28.24	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	425239	29.25	ug/L	0.00
37) Toluene-d8	10.32	98	1180918	28.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	177915	30.72	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	201276	73.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358062	31.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	364703	26.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	236042	23.481	ug/L 99
3) Chloromethane	2.21	50	314255	26.798	ug/L 98
5) Vinyl chloride	2.37	62	373266	22.624	ug/L 99
6) Bromomethane	2.78	94	184621	21.407	ug/L 99
8) Chloroethane	2.93	64	213659	23.904	ug/L 98
9) Trichlorofluoromethane	3.26	101	189806	23.958	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	299009	26.424	ug/L 92
12) 1,1-Dichloroethene	4.04	96	281116	25.192	ug/L 94
13) Acetone	4.12	43	230240	58.474	ug/L 96
14) Carbon disulfide	4.39	76	864514	23.666	ug/L 100
15) Methyl Acetate	4.67	43	205704	35.007	ug/L 93
16) Methylene chloride	4.92	84	316854	22.937	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	376502	25.524	ug/L 97
18) trans-1,2-Dichloroethene	5.42	96	285452	24.759	ug/L 92
19) 1,1-Dichloroethane	6.21	63	581195	26.881	ug/L 98
21) 2-Butanone	7.17	43	282884	64.165	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	304330	25.212	ug/L 97
23) Bromochloromethane	7.51	128	128854	24.428	ug/L 88
25) Chloroform	7.68	83	533140	26.428	ug/L 99
27) 1,2-Dichloroethane	8.40	62	385244	28.902	ug/L 97
30) Cyclohexane	7.95	56	563503	27.773	ug/L 95
31) 1,1,1-Trichloroethane	7.87	97	412768	25.442	ug/L 98
32) Carbon tetrachloride	8.07	117	372120	24.474	ug/L 100
34) Benzene	8.32	78	1249956	26.267	ug/L 100
35) Trichloroethene	9.09	95	301487	24.939	ug/L 97
36) Methylcyclohexane	9.34	83	551657	26.230	ug/L 95
40) 1,2-Dichloropropane	9.37	63	333764	27.667	ug/L 100
41) Bromodichloromethane	9.64	83	387471	26.876	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	486239	27.597	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	562066	70.859	ug/L 96

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44) Toluene	10.38	91	1282466	26.523	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	404094	28.252	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	229402	27.857	ug/L	98
47) Tetrachloroethene	10.86	164	227367	23.539	ug/L	96
49) 2-Hexanone	10.97	43	410577	71.994	ug/L	96
50) Dibromochloromethane	11.13	129	243821	25.950	ug/L	95
51) 1,2-Dibromoethane	11.23	107	217125	27.410	ug/L	99
52) Chlorobenzene	11.66	112	753541	24.958	ug/L	98
53) Ethylbenzene	11.73	91	1396623	26.431	ug/L	100
54) m,p-Xylene	11.84	106	508935	25.766	ug/L	100
55) o-xylene	12.16	106	482333	26.025	ug/L	94
56) Styrene	12.18	104	835771	26.590	ug/L	99
57) Isopropylbenzene	12.46	105	1317696	26.252	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	315268	29.714	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	244422	30.668	ug/L	99
62) Bromoform	12.35	173	142335	25.744	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	557162	24.502	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	558801	24.520	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	512746	24.791	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	54780	32.293	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	404358	24.008	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	326579	26.128	ug/L	99
69) Naphthalene	15.36	128	729179	32.256	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	307824	26.861	ug/L	98

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

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