

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014829.D
 Acq On : 03 Feb 2020 11:47
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Feb 03 12:18:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 11:38:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	900508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	837740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	390547	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1557320	109.18	ug/L	0.00
7) Chloroethane-d5	2.89	69	1200088	99.03	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	2912252	112.84	ug/L	0.00
20) 2-Butanone-d5	7.07	46	1097729	271.05	ug/L	0.00
24) Chloroform-d	7.65	84	2565638	103.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1441747	107.70	ug/L	0.00
29) Benzene-d6	8.27	84	5306086	100.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1735066	105.87	ug/L	0.00
37) Toluene-d8	10.32	98	4807208	102.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	776227	118.86	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	872884	283.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1413375	109.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1489349	97.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1116467	100.821	ug/L	100
3) Chloromethane	2.21	50	1514440	117.232	ug/L	100
5) Vinyl chloride	2.36	62	1696643	93.351	ug/L	100
6) Bromomethane	2.78	94	839646	88.377	ug/L	99
8) Chloroethane	2.92	64	935347	94.993	ug/L	99
9) Trichlorofluoromethane	3.26	101	848790	97.256	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1278586	102.566	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1290811	105.003	ug/L	95
13) Acetone	4.12	43	842881	194.320	ug/L	100
14) Carbon disulfide	4.38	76	3943832	98.005	ug/L	99
15) Methyl Acetate	4.67	43	871735	134.667	ug/L	100
16) Methylene chloride	4.92	84	1303380	85.646	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	1696568	104.406	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1285885	101.243	ug/L	95
19) 1,1-Dichloroethane	6.21	63	2574095	108.071	ug/L	98
21) 2-Butanone	7.16	43	1208581	248.848	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	1397894	105.124	ug/L	99
23) Bromochloromethane	7.51	128	555194	95.545	ug/L	99
25) Chloroform	7.67	83	2319071	104.352	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1636841	111.474	ug/L	99
30) Cyclohexane	7.95	56	2653773	116.004	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	1785736	97.622	ug/L	99
32) Carbon tetrachloride	8.07	117	1669773	97.403	ug/L	100
34) Benzene	8.32	78	5377683	100.230	ug/L	100
35) Trichloroethene	9.09	95	1372037	100.661	ug/L	99
36) Methylcyclohexane	9.34	83	2573688	108.537	ug/L	97
40) 1,2-Dichloropropane	9.37	63	1454720	106.953	ug/L	99
41) Bromodichloromethane	9.64	83	1732359	106.572	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	2299566	115.754	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2499129	279.436	ug/L	99

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44) Toluene	10.38	91	5621724	103.118	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	1889785	117.182	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	1007732	108.535	ug/L	98
47) Tetrachloroethene	10.86	164	1009924	92.735	ug/L	98
49) 2-Hexanone	10.96	43	1790397	278.443	ug/L	99
50) Dibromochloromethane	11.13	129	1134369	107.080	ug/L	98
51) 1,2-Dibromoethane	11.23	107	971431	108.766	ug/L	98
52) Chlorobenzene	11.66	112	3398131	99.823	ug/L	99
53) Ethylbenzene	11.73	91	6312094	105.948	ug/L	99
54) m,p-Xylene	11.83	106	2336191	104.900	ug/L	100
55) o-xylene	12.16	106	2243054	107.341	ug/L	96
56) Styrene	12.18	104	3812146	107.567	ug/L	96
57) Isopropylbenzene	12.46	105	6000889	106.034	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	1353867	113.173	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	1030279	114.652	ug/L	99
62) Bromoform	12.35	173	660053	107.666	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	2479118	98.321	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	2495868	98.769	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	2273182	99.119	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	234203	124.509	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	1785434	95.602	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	1494532	107.834	ug/L	99
69) Naphthalene	15.36	128	3395915	135.475	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1340404	105.483	ug/L	100

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

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