

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014872.D
 Acq On : 05 Feb 2020 14:14
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

Quant Time: Feb 05 14:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 13:26:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	927287	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	826496	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	385342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	392887	27.05	ug/L	0.00
7) Chloroethane-d5	2.89	69	314814	22.67	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	705978	22.88	ug/L	0.00
20) 2-Butanone-d5	7.07	46	233054	42.69	ug/L	0.00
24) Chloroform-d	7.65	84	650962	22.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	359917	21.69	ug/L	0.00
29) Benzene-d6	8.27	84	1338281	22.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	435971	22.83	ug/L	0.00
37) Toluene-d8	10.32	98	1202546	23.65	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	176609	23.36	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	182629	48.86	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	342560	23.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	374749	23.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	243956	20.890 ug/L	92
3) Chloromethane	2.21	50	350199	21.877 ug/L	99
5) Vinyl chloride	2.37	62	477177	29.655 ug/L	98
6) Bromomethane	2.78	94	232389	24.679 ug/L	99
8) Chloroethane	2.92	64	263877	25.258 ug/L	99
9) Trichlorofluoromethane	3.26	101	193397	20.644 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	350101	24.382 ug/L	99
12) 1,1-Dichloroethene	4.04	96	334016	24.665 ug/L	92
13) Acetone	4.12	43	210869	35.720 ug/L	100
14) Carbon disulfide	4.39	76	990251	24.092 ug/L	98
15) Methyl Acetate	4.67	43	195132	22.086 ug/L	100
16) Methylene chloride	4.92	84	374192	21.854 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	452375	26.322 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	336479	24.212 ug/L	98
19) 1,1-Dichloroethane	6.21	63	678915	24.059 ug/L	97
21) 2-Butanone	7.17	43	277518	43.807 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	363554	25.310 ug/L	98
23) Bromochloromethane	7.51	128	149874	24.400 ug/L	97
25) Chloroform	7.67	83	626667	24.325 ug/L	100
27) 1,2-Dichloroethane	8.40	62	438652	24.371 ug/L	99
30) Cyclohexane	7.95	56	665184	26.629 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	487638	25.142 ug/L	100
32) Carbon tetrachloride	8.07	117	439239	24.930 ug/L	99
34) Benzene	8.32	78	1458763	25.206 ug/L	100
35) Trichloroethene	9.09	95	361564	25.297 ug/L	99
36) Methylcyclohexane	9.34	83	661880	26.440 ug/L	97
40) 1,2-Dichloropropane	9.37	63	390395	25.012 ug/L	100
41) Bromodichloromethane	9.64	83	447268	25.007 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	567841	26.136 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	559912	48.854 ug/L	99

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44) Toluene	10.38	91	1518182	26.220	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	459879	25.722	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	260952	25.265	ug/L	98
47) Tetrachloroethene	10.86	164	263157	24.680	ug/L	99
49) 2-Hexanone	10.96	43	403964	51.083	ug/L	98
50) Dibromochloromethane	11.13	129	283291	25.512	ug/L	100
51) 1,2-Dibromoethane	11.23	107	242387	24.958	ug/L	98
52) Chlorobenzene	11.66	112	906899	25.674	ug/L	99
53) Ethylbenzene	11.73	91	1669989	26.618	ug/L	100
54) m,p-Xylene	11.83	106	617565	26.899	ug/L	98
55) o-xylene	12.16	106	583739	27.292	ug/L	100
56) Styrene	12.18	104	1000483	27.469	ug/L	99
57) Isopropylbenzene	12.46	105	1604961	27.749	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	336416	24.812	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	252764	24.351	ug/L	99
62) Bromoform	12.35	173	155506	24.414	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	669900	25.920	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	666403	25.580	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	613525	26.074	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	54721	23.827	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	495483	27.056	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	401735	28.079	ug/L	98
69) Naphthalene	15.36	128	842184	29.013	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	374384	28.316	ug/L	99

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

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