

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016442.D
 Acq On : 03 Sep 2020 12:46
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Sep 03 13:34:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 13:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	923472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	833890	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	402528	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	441341	44.24	ug/L	0.00
7) Chloroethane-d5	2.89	69	408925	51.93	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1067781	45.46	ug/L	0.00
20) 2-Butanone-d5	7.08	46	309845	105.40	ug/L	0.00
24) Chloroform-d	7.65	84	1062740	44.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	569010	46.18	ug/L	0.00
29) Benzene-d6	8.28	84	2070756	44.72	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	613476	47.40	ug/L	0.00
37) Toluene-d8	10.33	98	1952529	44.91	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	307215	49.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	247846	112.50	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	520529	48.60	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	686804	45.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	532758	51.447	ug/L 97
3) Chloromethane	2.22	50	474832	56.652	ug/L 99
5) Vinyl chloride	2.37	62	594722	53.191	ug/L 98
6) Bromomethane	2.78	94	446363	59.679	ug/L 100
8) Chloroethane	2.93	64	369879	58.229	ug/L 100
9) Trichlorofluoromethane	3.26	101	504289	44.194	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	582057	46.148	ug/L 99
12) 1,1-Dichloroethene	4.04	96	579926	47.189	ug/L 94
13) Acetone	4.13	43	207641	91.318	ug/L 96
14) Carbon disulfide	4.39	76	1763223	47.982	ug/L 99
15) Methyl Acetate	4.68	43	269284	56.173	ug/L 99
16) Methylene chloride	4.92	84	572518	33.895	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	838866	46.847	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	614143	47.559	ug/L 96
19) 1,1-Dichloroethane	6.22	63	1047410	49.062	ug/L 98
21) 2-Butanone	7.18	43	334082	98.640	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	646201	47.684	ug/L 99
23) Bromochloromethane	7.52	128	302287	48.819	ug/L 93
25) Chloroform	7.68	83	1071410	47.098	ug/L 99
27) 1,2-Dichloroethane	8.40	62	717747	49.745	ug/L 99
30) Cyclohexane	7.96	56	1002918	53.834	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	927615	46.598	ug/L 98
32) Carbon tetrachloride	8.07	117	887648	46.699	ug/L 100
34) Benzene	8.33	78	2316000	48.184	ug/L 100
35) Trichloroethene	9.09	95	643165	47.347	ug/L 99
36) Methylcyclohexane	9.34	83	1136082	50.764	ug/L 99
40) 1,2-Dichloropropane	9.37	63	570516	50.013	ug/L 100
41) Bromodichloromethane	9.65	83	808117	50.438	ug/L 97
42) cis-1,3-Dichloropropene	10.08	75	990987	53.104	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	781546	111.036	ug/L 99

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44) Toluene	10.39	91	2569430	48.898	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	874673	52.855	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	451081	48.504	ug/L	99
47) Tetrachloroethene	10.87	164	520721	48.608	ug/L	93
49) 2-Hexanone	10.97	43	546231	118.761	ug/L	99
50) Dibromochloromethane	11.13	129	578876	49.859	ug/L	94
51) 1,2-Dibromoethane	11.24	107	449299	49.153	ug/L	97
52) Chlorobenzene	11.66	112	1662113	47.782	ug/L	97
53) Ethylbenzene	11.73	91	2942618	48.984	ug/L	99
54) m,p-Xylene	11.84	106	1144209	49.731	ug/L	95
55) o-xylene	12.17	106	1085587	50.040	ug/L	97
56) Styrene	12.18	104	1869355	51.263	ug/L	99
57) Isopropylbenzene	12.47	105	2963078	49.342	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	537179	49.512	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	395181	49.136	ug/L	100
62) Bromoform	12.35	173	343003	51.582	ug/L #	99
63) 1,3-Dichlorobenzene	13.50	146	1315163	48.701	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	1279103	46.731	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	1125352	46.583	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	99695	51.620	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	862405	46.258	ug/L	94
68) 1,2,4-trichlorobenzene	15.13	180	794181	53.932	ug/L	94
69) Naphthalene	15.36	128	1667643	56.826	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	675522	52.210	ug/L	99

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

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