

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016325.D
 Acq On : 24 Aug 2020 12:12
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Quant Time: Aug 24 12:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:35:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	279661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	265723	78.36	ug/L	0.00
7) Chloroethane-d5	2.89	69	216048	83.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	677635	92.39	ug/L	0.00
20) 2-Butanone-d5	7.08	46	164716	181.97	ug/L	0.00
24) Chloroform-d	7.65	84	702503	93.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	356799	89.51	ug/L	0.00
29) Benzene-d6	8.27	84	1381116	95.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	388025	92.30	ug/L	0.00
37) Toluene-d8	10.33	98	1327541	99.83	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	193506	100.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	127226	178.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	318864	91.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	443193	99.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	317552	112.963	ug/L 97
3) Chloromethane	2.21	50	252714	93.326	ug/L 99
5) Vinyl chloride	2.37	62	321146	89.334	ug/L 96
6) Bromomethane	2.78	94	211399	92.872	ug/L 98
8) Chloroethane	2.92	64	186102	91.657	ug/L 97
9) Trichlorofluoromethane	3.26	101	371955	132.173	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	391033	103.298	ug/L 99
12) 1,1-Dichloroethene	4.04	96	375628	104.573	ug/L 93
13) Acetone	4.12	43	128674	184.417	ug/L 100
14) Carbon disulfide	4.39	76	1085148	98.106	ug/L 99
15) Methyl Acetate	4.67	43	139817	87.488	ug/L 98
16) Methylene chloride	4.92	84	367079	83.105	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	539941	104.960	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	387921	103.204	ug/L 97
19) 1,1-Dichloroethane	6.22	63	636933	96.610	ug/L 98
21) 2-Butanone	7.17	43	187491	172.590	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	415167	104.138	ug/L 95
23) Bromochloromethane	7.52	128	186150	101.374	ug/L 95
25) Chloroform	7.68	83	688685	97.714	ug/L 99
27) 1,2-Dichloroethane	8.40	62	421974	90.925	ug/L 99
30) Cyclohexane	7.96	56	577111	102.343	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	617841	102.158	ug/L 99
32) Carbon tetrachloride	8.07	117	590379	103.247	ug/L 99
34) Benzene	8.33	78	1451460	96.671	ug/L 100
35) Trichloroethene	9.09	95	414368	101.591	ug/L 99
36) Methylcyclohexane	9.34	83	689694	103.120	ug/L 99
40) 1,2-Dichloropropane	9.37	63	341816	93.680	ug/L 100
41) Bromodichloromethane	9.65	83	500627	98.481	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	596790	105.432	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	403376	183.126	ug/L 99

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44) Toluene	10.39	91	1592204	100.023	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	523718	102.957	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	281547	96.230	ug/L	97
47) Tetrachloroethene	10.87	164	313747	101.424	ug/L	94
49) 2-Hexanone	10.97	43	285463	193.667	ug/L	98
50) Dibromochloromethane	11.13	129	366008	104.786	ug/L	99
51) 1,2-Dibromoethane	11.24	107	279468	100.275	ug/L	98
52) Chlorobenzene	11.66	112	1065224	100.455	ug/L	98
53) Ethylbenzene	11.73	91	1856946	102.589	ug/L	98
54) m,p-Xylene	11.84	106	712318	104.022	ug/L	97
55) o-xylene	12.17	106	678345	105.599	ug/L	98
56) Styrene	12.18	104	1144073	103.112	ug/L	94
57) Isopropylbenzene	12.47	105	1884958	108.147	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	324772	95.046	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	239560	92.938	ug/L	96
62) Bromoform	12.35	173	199994	107.705	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	808922	105.400	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	805662	102.406	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	716759	102.138	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	57958	94.693	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	547094	109.880	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	468894	115.660	ug/L	99
69) Naphthalene	15.37	128	977609	115.613	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	397558	109.408	ug/L	98

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

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