

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100720\
 Data File : VW016797.D
 Acq On : 06 Oct 2020 15:35
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Quant Time: Oct 06 16:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 15:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	543353	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	496979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	252017	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	522501	97.87	ug/L	0.00
7) Chloroethane-d5	2.89	69	430679	98.20	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1117314	94.66	ug/L	0.00
20) 2-Butanone-d5	7.09	46	216043	153.61	ug/L	0.00
24) Chloroform-d	7.65	84	1086098	94.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	506755	86.66	ug/L	0.00
29) Benzene-d6	8.28	84	2109318	92.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	576780	94.26	ug/L	0.00
37) Toluene-d8	10.33	98	2019105	90.81	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	276054	91.34	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	189379	174.21	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	452576	87.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	746263	91.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	702705	103.988	ug/L 97
3) Chloromethane	2.22	50	614893	120.379	ug/L 98
5) Vinyl chloride	2.37	62	772400	104.926	ug/L 99
6) Bromomethane	2.79	94	566160	102.606	ug/L 99
8) Chloroethane	2.93	64	470416	107.425	ug/L 100
9) Trichlorofluoromethane	3.26	101	637900	90.941	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	741581	104.483	ug/L 99
12) 1,1-Dichloroethene	4.04	96	734481	105.297	ug/L 94
13) Acetone	4.14	43	151937	141.792	ug/L 99
14) Carbon disulfide	4.39	76	2087605	100.231	ug/L 99
15) Methyl Acetate	4.68	43	211944	85.540	ug/L 99
16) Methylene chloride	4.92	84	652103	78.010	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	760734	83.557	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	746572	103.415	ug/L 99
19) 1,1-Dichloroethane	6.22	63	1144291	100.902	ug/L 100
21) 2-Butanone	7.18	43	263936	143.855	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	767872	103.341	ug/L 92
23) Bromochloromethane	7.52	128	349551	97.327	ug/L 97
25) Chloroform	7.68	83	1233497	100.060	ug/L 99
27) 1,2-Dichloroethane	8.40	62	713514	91.586	ug/L 99
30) Cyclohexane	7.96	56	1067882	97.920	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	1056417	92.064	ug/L 99
32) Carbon tetrachloride	8.07	117	1074539	95.620	ug/L 99
34) Benzene	8.33	78	2634917	97.852	ug/L 100
35) Trichloroethene	9.09	95	762438	98.245	ug/L 99
36) Methylcyclohexane	9.34	83	1310625	99.687	ug/L 99
40) 1,2-Dichloropropane	9.37	63	599216	96.283	ug/L 100
41) Bromodichloromethane	9.65	83	883720	96.772	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	1034102	98.398	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	609906	160.336	ug/L 100

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44) Toluene	10.39	91	2959059	98.051	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	880691	97.156	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	487977	94.079	ug/L	99
47) Tetrachloroethene	10.87	164	704483	100.610	ug/L	98
49) 2-Hexanone	10.97	43	410809	170.226	ug/L	98
50) Dibromochloromethane	11.13	129	644624	95.871	ug/L	97
51) 1,2-Dibromoethane	11.24	107	481434	92.902	ug/L	98
52) Chlorobenzene	11.66	112	2003925	98.953	ug/L	98
53) Ethylbenzene	11.73	91	3355796	98.202	ug/L	98
54) m,p-Xylene	11.84	106	1343559	100.148	ug/L	98
55) o-xylene	12.17	106	1297836	101.134	ug/L	99
56) Styrene	12.18	104	2160616	101.769	ug/L	99
57) Isopropylbenzene	12.47	105	3487845	99.365	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	531570	91.876	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	378830	88.622	ug/L	99
62) Bromoform	12.35	173	386984	94.196	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1644860	100.119	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	1568812	97.812	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1399647	95.701	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	87182	86.446	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	1211192	101.723	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	1043707	108.160	ug/L	98
69) Naphthalene	15.37	128	1764219	104.485	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	871235	104.998	ug/L	95

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

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