

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014763.D
 Acq On : 27 Jan 2020 12:26
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10001

Quant Time: Jan 27 13:43:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 27 12:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1046823	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	933256	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	434033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1507386	102.14	ug/L	0.00
7) Chloroethane-d5	2.88	69	1324340	121.81	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	2920565	108.20	ug/L	0.00
20) 2-Butanone-d5	7.07	46	891298	253.82	ug/L	0.00
24) Chloroform-d	7.64	84	2800158	116.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1434170	114.75	ug/L	0.00
29) Benzene-d6	8.27	84	5825869	117.39	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1824223	122.25	ug/L	0.00
37) Toluene-d8	10.32	98	5287037	117.51	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	755902	122.65	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	727813	285.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1321088	117.90	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1678934	117.40	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1276720	136.335	ug/L	100
3) Chloromethane	2.21	50	1392734	131.550	ug/L	100
5) Vinyl chloride	2.36	62	1928922	128.049	ug/L	98
6) Bromomethane	2.78	94	1003290	114.057	ug/L	100
8) Chloroethane	2.92	64	1099488	130.524	ug/L	98
9) Trichlorofluoromethane	3.26	101	1029186	129.168	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1377266	100.690	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1410502	105.305	ug/L	93
13) Acetone	4.11	43	816999	168.043	ug/L	97
14) Carbon disulfide	4.38	76	4558227	110.225	ug/L	100
15) Methyl Acetate	4.66	43	724543	110.440	ug/L	99
16) Methylene chloride	4.91	84	1418095	83.076	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	1868345	108.369	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1491168	105.683	ug/L	99
19) 1,1-Dichloroethane	6.21	63	2723769	106.790	ug/L	100
21) 2-Butanone	7.17	43	1056178	202.477	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1583793	106.639	ug/L	99
23) Bromochloromethane	7.51	128	647870	100.766	ug/L	99
25) Chloroform	7.67	83	2518667	103.241	ug/L	100
27) 1,2-Dichloroethane	8.40	62	1624344	102.568	ug/L	98
30) Cyclohexane	7.95	56	2746222	115.037	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	1995271	104.224	ug/L	99
32) Carbon tetrachloride	8.07	117	1913957	107.306	ug/L	100
34) Benzene	8.32	78	5843697	104.050	ug/L	100
35) Trichloroethene	9.09	95	1522086	105.010	ug/L	98
36) Methylcyclohexane	9.34	83	2761559	108.598	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1481113	104.194	ug/L	100
41) Bromodichloromethane	9.64	83	1834710	107.303	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	2392144	112.655	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1982831	217.289	ug/L	99

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44) Toluene	10.38	91	6095454	103.857	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	1897454	111.754	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	1023319	101.635	ug/L	98
47) Tetrachloroethene	10.86	164	1215748	99.891	ug/L	98
49) 2-Hexanone	10.96	43	1486113	238.490	ug/L	99
50) Dibromochloromethane	11.13	129	1213789	106.169	ug/L	95
51) 1,2-Dibromoethane	11.23	107	978582	102.962	ug/L	99
52) Chlorobenzene	11.65	112	3765289	101.488	ug/L	100
53) Ethylbenzene	11.73	91	6779739	105.063	ug/L	98
54) m,p-Xylene	11.84	106	2598798	106.422	ug/L	93
55) o-xylene	12.16	106	2466379	106.928	ug/L	96
56) Styrene	12.18	104	4156644	107.068	ug/L	98
57) Isopropylbenzene	12.46	105	6489183	105.764	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	1227083	100.376	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	906679	99.005	ug/L	99
62) Bromoform	12.35	173	703133	108.411	ug/L	99
63) 1,3-Dichlorobenzene	13.49	146	2850916	103.749	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	2814425	101.575	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	2543065	103.235	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	196166	107.537	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	2091958	102.770	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	1699273	111.361	ug/L	99
69) Naphthalene	15.36	128	3301243	125.315	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1485147	107.405	ug/L	99

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

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