

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015388.D
 Acq On : 04 May 2020 15:40
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Quant Time: May 04 16:12:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 15:24:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	384515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	460250	164.38	ug/L	0.00
7) Chloroethane-d5	2.89	69	444844	136.50	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	940823	132.98	ug/L	0.00
20) 2-Butanone-d5	7.07	46	259595	301.70	ug/L	0.00
24) Chloroform-d	7.65	84	939963	111.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	525161	120.65	ug/L	0.00
29) Benzene-d6	8.27	84	1859913	112.65	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	567086	122.76	ug/L	0.00
37) Toluene-d8	10.32	98	1799724	106.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	268149	113.42	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	221329	262.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	444177	113.59	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	581567	97.75	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	335071	92.512	ug/L	100
3) Chloromethane	2.21	50	361782	121.993	ug/L	99
5) Vinyl chloride	2.36	62	523143	146.091	ug/L	99
6) Bromomethane	2.78	94	353148	104.923	ug/L	100
8) Chloroethane	2.92	64	348093	125.268	ug/L	99
9) Trichlorofluoromethane	3.26	101	399458	95.249	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	441034	99.601	ug/L	99
12) 1,1-Dichloroethene	4.03	96	442131	102.205	ug/L	96
13) Acetone	4.12	43	176449	243.475	ug/L	100
14) Carbon disulfide	4.38	76	1324683	112.185	ug/L	98
15) Methyl Acetate	4.67	43	209694	145.086	ug/L	99
16) Methylene chloride	4.91	84	448878	91.666	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	704988	110.205	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	477762	100.804	ug/L	99
19) 1,1-Dichloroethane	6.21	63	899582	121.864	ug/L	98
21) 2-Butanone	7.17	43	279424	254.927	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	521398	101.876	ug/L	98
23) Bromochloromethane	7.51	128	217643	88.571	ug/L	94
25) Chloroform	7.68	83	890775	106.090	ug/L	100
27) 1,2-Dichloroethane	8.40	62	612213	114.967	ug/L	99
30) Cyclohexane	7.95	56	855667	124.707	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	737201	95.611	ug/L	99
32) Carbon tetrachloride	8.07	117	695462	93.281	ug/L	98
34) Benzene	8.32	78	1966300	107.045	ug/L	100
35) Trichloroethene	9.09	95	521907	98.759	ug/L	99
36) Methylcyclohexane	9.34	83	915770	102.794	ug/L	100
40) 1,2-Dichloropropane	9.37	63	494770	118.691	ug/L	100
41) Bromodichloromethane	9.64	83	674025	105.634	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	835063	114.414	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	654152	232.708	ug/L	99

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44) Toluene	10.38	91	2198126	103.110	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	743838	114.660	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	358178	100.113	ug/L	99
47) Tetrachloroethene	10.86	164	394966	78.340	ug/L	89
49) 2-Hexanone	10.97	43	450858	292.945	ug/L	99
50) Dibromochloromethane	11.13	129	442115	91.373	ug/L	99
51) 1,2-Dibromoethane	11.23	107	346966	97.268	ug/L	98
52) Chlorobenzene	11.66	112	1381204	96.136	ug/L	98
53) Ethylbenzene	11.73	91	2535811	102.848	ug/L	97
54) m,p-Xylene	11.84	106	974301	99.823	ug/L	99
55) o-xylene	12.16	106	948874	101.334	ug/L	99
56) Styrene	12.18	104	1655120	105.283	ug/L	98
57) Isopropylbenzene	12.46	105	2572581	100.901	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	439596	110.466	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	324120	111.682	ug/L	100
62) Bromoform	12.35	173	264444	93.987	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	1044999	96.054	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1028366	95.544	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	921121	94.313	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	77254	120.898	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	712793	84.754	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	629259	91.037	ug/L	92
69) Naphthalene	15.36	128	1213300	104.993	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	543349	91.030	ug/L	100

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

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