

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011104.D
 Acq On : 02 Jul 2019 11:14
 Operator : SY/VA
 Sample : VSTD10007
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10007

Quant Time: Jul 02 11:36:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 10:47:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	536434	114.71	ug/L	0.00
7) Chloroethane-d5	2.88	69	391061	108.48	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1154982	104.50	ug/L	0.00
20) 2-Butanone-d5	7.07	46	422161	192.23	ug/L	0.00
24) Chloroform-d	7.65	84	978695	100.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	588804	97.62	ug/L	0.00
29) Benzene-d6	8.27	84	1989392	98.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	656388	98.39	ug/L	0.00
37) Toluene-d8	10.32	98	1810706	99.39	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	300972	101.94	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	312497	208.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	533113	96.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	605957	97.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	472974	93.263	ug/L	97
3) Chloromethane	2.21	50	518195	96.105	ug/L	99
5) Vinyl chloride	2.36	62	582910	90.418	ug/L	100
6) Bromomethane	2.77	94	285097	89.594	ug/L	100
8) Chloroethane	2.92	64	319743	93.648	ug/L	97
9) Trichlorofluoromethane	3.24	101	233439	107.222	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	471387	93.164	ug/L	98
12) 1,1-Dichloroethene	4.04	96	469862	93.039	ug/L	90
13) Acetone	4.12	43	325709	154.873	ug/L	97
14) Carbon disulfide	4.38	76	1369507	91.592	ug/L	100
15) Methyl Acetate	4.67	43	338824	93.072	ug/L	100
16) Methylene chloride	4.92	84	488896	91.496	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	719497	90.994	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	472875	93.118	ug/L	98
19) 1,1-Dichloroethane	6.21	63	974921	93.996	ug/L	100
21) 2-Butanone	7.17	43	491741	177.793	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	521916	95.519	ug/L	100
23) Bromochloromethane	7.51	128	218154	93.875	ug/L	97
25) Chloroform	7.67	83	904475	95.045	ug/L	100
27) 1,2-Dichloroethane	8.40	62	677368	90.837	ug/L	100
30) Cyclohexane	7.95	56	1000252	89.948	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	670033	91.612	ug/L	100
32) Carbon tetrachloride	8.07	117	649904	94.075	ug/L	99
34) Benzene	8.32	78	1998888	90.453	ug/L	100
35) Trichloroethene	9.09	95	504818	90.080	ug/L	100
36) Methylcyclohexane	9.34	83	919291	89.371	ug/L	99
40) 1,2-Dichloropropane	9.37	63	561130	92.254	ug/L	100
41) Bromodichloromethane	9.64	83	681237	95.439	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	897783	95.951	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1028530	182.220	ug/L	100

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44) Toluene	10.39	91	2116571	91.597	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	745562	96.393	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	383362	91.967	ug/L	98
47) Tetrachloroethene	10.86	164	380691	89.572	ug/L	100
49) 2-Hexanone	10.97	43	749951	186.757	ug/L	98
50) Dibromochloromethane	11.13	129	448516	97.718	ug/L	98
51) 1,2-Dibromoethane	11.24	107	376564	93.413	ug/L	98
52) Chlorobenzene	11.66	112	1301482	93.597	ug/L	99
53) Ethylbenzene	11.73	91	2420536	92.978	ug/L	97
54) m,p-Xylene	11.84	106	882448	93.411	ug/L	98
55) o-xylene	12.16	106	861767	95.065	ug/L	100
56) Styrene	12.18	104	1489124	95.260	ug/L	100
57) Isopropylbenzene	12.46	105	2316411	94.188	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	512769	94.078	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	385935	91.196	ug/L	99
62) Bromoform	12.35	173	262123	99.635	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1008110	94.209	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1006996	93.682	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	923452	93.305	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	91412	90.266	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	747642	91.794	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	639373	92.624	ug/L	100
69) Naphthalene	15.37	128	1418511	96.299	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	584298	93.187	ug/L	100

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

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