

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009172.D
 Acq On : 14 Mar 2019 15:59
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Quant Time: Mar 14 16:22:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 15:38:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	487375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	464527	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	637029	84.02	ug/L	0.00
7) Chloroethane-d5	2.89	69	668791	98.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1270742	100.78	ug/L	0.00
20) 2-Butanone-d5	7.07	46	495688	219.26	ug/L	0.00
24) Chloroform-d	7.64	84	1266443	107.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	774523	111.36	ug/L	0.00
29) Benzene-d6	8.27	84	2432076	109.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	740935	113.42	ug/L	0.00
37) Toluene-d8	10.32	98	2338091	104.69	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	395177	120.70	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	407991	229.23	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	756870	115.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	888596	103.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	698995	74.659	ug/L 98
3) Chloromethane	2.22	50	771895	79.761	ug/L 99
5) Vinyl chloride	2.37	62	853613	86.033	ug/L 99
6) Bromomethane	2.78	94	674931	102.591	ug/L 100
8) Chloroethane	2.92	64	643337	96.840	ug/L 93
9) Trichlorofluoromethane	3.26	101	653245	55.057	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	648992	92.617	ug/L 96
12) 1,1-Dichloroethene	4.03	96	648438	106.662	ug/L 91
13) Acetone	4.12	43	391922	182.721	ug/L 97
14) Carbon disulfide	4.38	76	1880997	89.540	ug/L 99
15) Methyl Acetate	4.67	43	403537	94.327	ug/L 98
16) Methylene chloride	4.92	84	633954	80.441	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	891550	52.148	ug/L 99
18) trans-1,2-Dichloroethene	5.41	96	653898	97.698	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1196210	105.262	ug/L 98
21) 2-Butanone	7.17	43	599967	199.903	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	726289	101.177	ug/L 98
23) Bromochloromethane	7.51	128	337816	102.849	ug/L 96
25) Chloroform	7.67	83	1251335	104.601	ug/L 99
27) 1,2-Dichloroethane	8.40	62	943251	108.420	ug/L 99
30) Cyclohexane	7.95	56	1152942	105.447	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	944890	88.108	ug/L 99
32) Carbon tetrachloride	8.06	117	996119	101.635	ug/L 98
34) Benzene	8.32	78	2669210	105.918	ug/L 100
35) Trichloroethene	9.09	95	710874	104.510	ug/L 99
36) Methylcyclohexane	9.34	83	1247224	103.337	ug/L 100
40) 1,2-Dichloropropane	9.37	63	675287	108.477	ug/L 98
41) Bromodichloromethane	9.64	83	969956	114.591	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	1172285	116.093	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	1282612	228.147	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2963741	102.299	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	1032098	114.462	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	543684	104.458	ug/L	98
47) Tetrachloroethene	10.86	164	587814	94.926	ug/L	97
49) 2-Hexanone	10.97	43	965103	218.858	ug/L	99
50) Dibromochloromethane	11.13	129	706971	112.044	ug/L	94
51) 1,2-Dibromoethane	11.23	107	559092	106.194	ug/L	99
52) Chlorobenzene	11.66	112	1870564	95.933	ug/L	98
53) Ethylbenzene	11.73	91	3421143	101.631	ug/L	99
54) m,p-Xylene	11.84	106	1290869	97.520	ug/L	97
55) o-xylene	12.17	106	1304706	102.459	ug/L	100
56) Styrene	12.18	104	2331563	109.173	ug/L	94
57) Isopropylbenzene	12.46	105	3529503	103.902	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	747583	107.061	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	549395	106.413	ug/L	99
62) Bromoform	12.35	173	464568	123.982	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1524311	96.496	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1541480	96.053	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1445028	98.761	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	142271	109.509	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	1149736	92.442	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	1011531	94.421	ug/L	100
69) Naphthalene	15.37	128	2263938	102.649	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	937996	95.281	ug/L	99

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

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