

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009663.D
 Acq On : 03 Apr 2019 14:15
 Operator : SY/VA
 Sample : VSTD10014
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10014

Quant Time: Apr 03 14:39:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 14:24:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	544026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	269480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	700587	107.76	ug/L	0.00
7) Chloroethane-d5	2.89	69	646767	85.02	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1494343	106.35	ug/L	0.00
20) 2-Butanone-d5	7.07	46	517537	192.49	ug/L	0.00
24) Chloroform-d	7.64	84	1502302	101.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	912570	102.04	ug/L	0.00
29) Benzene-d6	8.27	84	2849797	96.74	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	873922	98.78	ug/L	0.00
37) Toluene-d8	10.32	98	2721146	99.91	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	450204	101.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	415832	194.06	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	831212	95.40	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	974441	94.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	754262	105.245	ug/L	94
3) Chloromethane	2.22	50	814040	107.060	ug/L	100
5) Vinyl chloride	2.37	62	947448	121.060	ug/L	97
6) Bromomethane	2.78	94	639195	97.486	ug/L	100
8) Chloroethane	2.92	64	619010	95.600	ug/L	100
9) Trichlorofluoromethane	3.25	101	660869	106.902	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	712091	99.742	ug/L	98
12) 1,1-Dichloroethene	4.04	96	716174	106.904	ug/L	91
13) Acetone	4.12	43	420281	190.621	ug/L	100
14) Carbon disulfide	4.38	76	2190642	121.502	ug/L	99
15) Methyl Acetate	4.66	43	443194	102.321	ug/L	99
16) Methylene chloride	4.92	84	739235	93.180	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	1083911	114.349	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	758160	107.641	ug/L	97
19) 1,1-Dichloroethane	6.21	63	1450640	112.956	ug/L	98
21) 2-Butanone	7.16	43	657702	216.044	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	855538	112.128	ug/L	98
23) Bromochloromethane	7.51	128	379855	103.798	ug/L	95
25) Chloroform	7.67	83	1497498	111.345	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1146160	114.303	ug/L	98
30) Cyclohexane	7.95	56	1351452	111.409	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	1159402	108.682	ug/L	99
32) Carbon tetrachloride	8.06	117	1189410	110.507	ug/L	98
34) Benzene	8.32	78	3194262	109.260	ug/L	100
35) Trichloroethene	9.09	95	839250	107.733	ug/L	99
36) Methylcyclohexane	9.34	83	1428351	105.980	ug/L	99
40) 1,2-Dichloropropane	9.37	63	817816	109.013	ug/L	99
41) Bromodichloromethane	9.64	83	1150716	110.703	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	1385937	113.428	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	1406831	206.949	ug/L	99

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44) Toluene	10.38	91	3525945	110.308	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	1221113	114.885	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	631245	105.471	ug/L	95
47) Tetrachloroethene	10.86	164	650165	98.776	ug/L	97
49) 2-Hexanone	10.97	43	1042127	217.660	ug/L	99
50) Dibromochloromethane	11.13	129	803134	108.704	ug/L	98
51) 1,2-Dibromoethane	11.23	107	633610	104.429	ug/L	99
52) Chlorobenzene	11.66	112	2204259	107.517	ug/L	100
53) Ethylbenzene	11.73	91	4071671	113.300	ug/L	100
54) m,p-Xylene	11.84	106	1528824	111.976	ug/L	100
55) o-xylene	12.16	106	1524209	114.434	ug/L	100
56) Styrene	12.18	104	2676241	117.762	ug/L	100
57) Isopropylbenzene	12.46	105	4126757	115.659	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	847163	104.923	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	625405	104.371	ug/L	98
62) Bromoform	12.35	173	505084	110.929	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1746893	108.769	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1758983	105.932	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1629657	106.399	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	154159	102.697	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	1244627	99.355	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	1054904	100.252	ug/L	99
69) Naphthalene	15.37	128	2343269	107.412	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	964387	97.852	ug/L	99

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

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