

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009170.D
 Acq On : 14 Mar 2019 15:06
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Mar 14 15:36:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 13:22:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493822	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	464097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	155159	20.20	ug/L	0.01
7) Chloroethane-d5	2.89	69	162266	23.53	ug/L	0.01
10) 1,1-Dichloroethene-d2	4.02	63	324916	25.43	ug/L	0.00
20) 2-Butanone-d5	7.07	46	126266	55.12	ug/L	-0.01
24) Chloroform-d	7.64	84	344572	28.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	204329	28.99	ug/L	0.00
29) Benzene-d6	8.27	84	658765	29.57	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	199687	30.60	ug/L	0.00
37) Toluene-d8	10.32	98	614144	27.53	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	101363	30.99	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	101015	56.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	196447	29.98	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	236483	28.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	162596	17.140 ug/L	97
3) Chloromethane	2.22	50	167045	17.036 ug/L	100
5) Vinyl chloride	2.37	62	186185	18.520 ug/L	98
6) Bromomethane	2.78	94	140063	21.012 ug/L	98
8) Chloroethane	2.93	64	138341	20.552 ug/L	95
9) Trichlorofluoromethane	3.26	101	132537	11.025 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	155235	21.864 ug/L	99
12) 1,1-Dichloroethene	4.03	96	149213	24.224 ug/L	81
13) Acetone	4.12	43	94988	43.707 ug/L	98
14) Carbon disulfide	4.38	76	430449	20.223 ug/L	99
15) Methyl Acetate	4.67	43	94570	21.817 ug/L	92
16) Methylene chloride	4.92	84	156167	19.557 ug/L	85
17) Methyl tert-butyl Ether	5.42	73	215061	12.415 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	157825	23.273 ug/L	93
19) 1,1-Dichloroethane	6.21	63	285244	24.773 ug/L	98
21) 2-Butanone	7.17	43	135137	44.438 ug/L	95
22) cis-1,2-Dichloroethene	7.16	96	171228	23.542 ug/L	93
23) Bromochloromethane	7.51	128	79661	23.936 ug/L #	85
25) Chloroform	7.67	83	297723	24.562 ug/L	100
27) 1,2-Dichloroethane	8.40	62	220150	24.974 ug/L #	93
30) Cyclohexane	7.95	56	270816	24.792 ug/L	94
31) 1,1,1-Trichloroethane	7.87	97	228857	21.360 ug/L	95
32) Carbon tetrachloride	8.06	117	232152	23.709 ug/L	97
34) Benzene	8.32	78	637517	25.321 ug/L	100
35) Trichloroethene	9.09	95	166826	24.549 ug/L	98
36) Methylcyclohexane	9.34	83	296352	24.577 ug/L	95
40) 1,2-Dichloropropane	9.37	63	161154	25.911 ug/L	99
41) Bromodichloromethane	9.64	83	223838	26.469 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	264335	26.202 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	292296	52.041 ug/L	94

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44) Toluene	10.38	91	693545	23.961	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	231511	25.699	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	127972	24.610	ug/L	97
47) Tetrachloroethene	10.86	164	140031	22.635	ug/L	95
49) 2-Hexanone	10.97	43	220309	50.006	ug/L #	89
50) Dibromochloromethane	11.13	129	159188	25.252	ug/L	98
51) 1,2-Dibromoethane	11.23	107	128774	24.482	ug/L	93
52) Chlorobenzene	11.66	112	443831	22.783	ug/L	97
53) Ethylbenzene	11.73	91	785401	23.353	ug/L	99
54) m,p-Xylene	11.84	106	299745	22.666	ug/L	91
55) o-xylene	12.16	106	289147	22.728	ug/L	98
56) Styrene	12.18	104	499907	23.429	ug/L	92
57) Isopropylbenzene	12.46	105	786263	23.167	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	171797	24.626	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	125891	24.407	ug/L	99
62) Bromoform	12.35	173	99855	27.275	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	357607	23.170	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	362649	23.129	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	338051	23.647	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	31576	24.876	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	273550	22.511	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	234299	22.385	ug/L	96
69) Naphthalene	15.37	128	498118	23.116	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	215094	22.363	ug/L	97

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

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