

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010293.D
 Acq On : 07 May 2019 11:18
 Operator : SY/VA
 Sample : VSTD02509
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: May 08 01:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:48:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	539062	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	504656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149364	23.80	ug/L	0.00
7) Chloroethane-d5	2.89	69	123288	23.34	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	366033	23.41	ug/L	0.00
20) 2-Butanone-d5	7.08	46	135896	46.73	ug/L	0.00
24) Chloroform-d	7.64	84	333335	23.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	198680	23.37	ug/L	0.00
29) Benzene-d6	8.27	84	637904	23.27	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	194280	23.19	ug/L	0.00
37) Toluene-d8	10.32	98	578806	23.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	89699	23.41	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	108337	50.59	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	187896	23.58	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	192802	22.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	175022	23.538	ug/L 100
3) Chloromethane	2.21	50	166067	23.906	ug/L 100
5) Vinyl chloride	2.37	62	204852	25.193	ug/L 100
6) Bromomethane	2.78	94	120349	24.485	ug/L 100
8) Chloroethane	2.92	64	122487	24.841	ug/L 100
9) Trichlorofluoromethane	3.25	101	126024	24.012	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	183415	24.632	ug/L 100
12) 1,1-Dichloroethene	4.03	96	180625	24.682	ug/L 100
13) Acetone	4.12	43	119714	48.112	ug/L 100
14) Carbon disulfide	4.37	76	561272	25.061	ug/L 100
15) Methyl Acetate	4.67	43	129625	24.275	ug/L 100
16) Methylene chloride	4.92	84	180495	24.114	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	240339	25.057	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	188336	24.948	ug/L 100
19) 1,1-Dichloroethane	6.21	63	354071	24.469	ug/L 100
21) 2-Butanone	7.17	43	182858	51.372	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	193863	24.869	ug/L 100
23) Bromochloromethane	7.51	128	86296	24.674	ug/L 100
25) Chloroform	7.67	83	351503	24.598	ug/L 100
27) 1,2-Dichloroethane	8.40	62	262409	25.021	ug/L 100
30) Cyclohexane	7.95	56	340102	26.064	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	279040	24.280	ug/L 100
32) Carbon tetrachloride	8.07	117	281135	24.613	ug/L 100
34) Benzene	8.32	78	782805	25.272	ug/L 100
35) Trichloroethene	9.09	95	201005	24.560	ug/L 100
36) Methylcyclohexane	9.34	83	361194	26.128	ug/L 100
40) 1,2-Dichloropropane	9.37	63	194517	24.609	ug/L 100
41) Bromodichloromethane	9.64	83	254381	24.870	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	301374	25.480	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	365129	51.853	ug/L 100

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44) Toluene	10.39	91	836121	25.774	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	264740	25.958	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	145085	24.575	ug/L	100
47) Tetrachloroethene	10.86	164	154529	24.972	ug/L	100
49) 2-Hexanone	10.97	43	278372	52.129	ug/L	100
50) Dibromochloromethane	11.13	129	170132	25.052	ug/L	100
51) 1,2-Dibromoethane	11.24	107	143238	24.631	ug/L	100
52) Chlorobenzene	11.66	112	502776	24.809	ug/L	100
53) Ethylbenzene	11.73	91	936290	25.858	ug/L	100
54) m,p-Xylene	11.84	106	345871	26.257	ug/L	100
55) o-xylene	12.17	106	318216	25.950	ug/L	100
56) Styrene	12.18	104	566484	26.771	ug/L	100
57) Isopropylbenzene	12.46	105	903142	26.799	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	201616	24.848	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	154193	24.755	ug/L	100
62) Bromoform	12.35	173	102356	24.197	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	368157	25.140	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	389513	24.559	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	352068	24.987	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	40018	23.834	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	276853	25.239	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	223815	25.782	ug/L	100
69) Naphthalene	15.37	128	526359	26.885	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	217713	26.108	ug/L	100

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

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