

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009661.D
 Acq On : 03 Apr 2019 13:20
 Operator : SY/VA
 Sample : VSTD02512
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Apr 03 14:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 14:19:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	519437	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	258532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	159084	25.63	ug/L	0.00
7) Chloroethane-d5	2.89	69	152909	21.05	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	361961	26.98	ug/L	0.00
20) 2-Butanone-d5	7.08	46	107542	41.89	ug/L	0.00
24) Chloroform-d	7.64	84	344828	24.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	211231	24.74	ug/L	0.00
29) Benzene-d6	8.27	84	648701	23.38	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	193482	23.21	ug/L	0.00
37) Toluene-d8	10.32	98	607100	23.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	96287	23.00	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	81303	40.28	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	186969	22.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	220133	22.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	180242	26.341	ug/L 96
3) Chloromethane	2.22	50	172919	23.818	ug/L 98
5) Vinyl chloride	2.37	62	226428	30.301	ug/L 97
6) Bromomethane	2.78	94	160975	25.713	ug/L 99
8) Chloroethane	2.93	64	151678	24.534	ug/L 92
9) Trichlorofluoromethane	3.26	101	141070	23.900	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	179170	26.284	ug/L 94
12) 1,1-Dichloroethene	4.03	96	178495	27.905	ug/L 94
13) Acetone	4.12	43	113199	53.773	ug/L 97
14) Carbon disulfide	4.38	76	561199	32.600	ug/L 100
15) Methyl Acetate	4.67	43	108118	26.143	ug/L 99
16) Methylene chloride	4.92	84	200246	26.436	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	254895	28.163	ug/L 97
18) trans-1,2-Dichloroethene	5.42	96	185713	27.615	ug/L 94
19) 1,1-Dichloroethane	6.21	63	356659	29.086	ug/L 98
21) 2-Butanone	7.17	43	153828	52.922	ug/L 96
22) cis-1,2-Dichloroethene	7.16	96	199071	27.326	ug/L 95
23) Bromochloromethane	7.51	128	91843	26.285	ug/L 88
25) Chloroform	7.67	83	369617	28.783	ug/L 99
27) 1,2-Dichloroethane	8.40	62	281156	29.366	ug/L 99
30) Cyclohexane	7.95	56	325636	28.495	ug/L 98
31) 1,1,1-Trichloroethane	7.87	97	294827	29.336	ug/L 100
32) Carbon tetrachloride	8.06	117	294426	29.037	ug/L 97
34) Benzene	8.32	78	785866	28.533	ug/L 100
35) Trichloroethene	9.09	95	203120	27.677	ug/L 97
36) Methylcyclohexane	9.33	83	352244	27.743	ug/L 97
40) 1,2-Dichloropropane	9.37	63	199337	28.205	ug/L 99
41) Bromodichloromethane	9.64	83	276214	28.207	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	316154	27.466	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	318976	49.807	ug/L 99

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44) Toluene	10.38	91	854251	28.368	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	280095	27.972	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	152930	27.123	ug/L	95
47) Tetrachloroethene	10.86	164	164469	26.523	ug/L	97
49) 2-Hexanone	10.97	43	238939	52.974	ug/L	99
50) Dibromochloromethane	11.13	129	189310	27.198	ug/L	94
51) 1,2-Dibromoethane	11.23	107	151251	26.461	ug/L	96
52) Chlorobenzene	11.66	112	531107	27.499	ug/L	97
53) Ethylbenzene	11.73	91	975714	28.820	ug/L	99
54) m,p-Xylene	11.84	106	361922	28.138	ug/L	93
55) o-xylene	12.16	106	349271	27.835	ug/L	99
56) Styrene	12.18	104	610946	28.536	ug/L	95
57) Isopropylbenzene	12.46	105	967450	28.782	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	200779	26.396	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	150169	26.602	ug/L	100
62) Bromoform	12.35	173	113357	25.950	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	408642	26.521	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	434556	27.279	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	395338	26.904	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	36508	25.351	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	309145	25.723	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	251790	24.942	ug/L	100
69) Naphthalene	15.37	128	529858	25.316	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	240494	25.435	ug/L	98

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

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