

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013853.D
 Acq On : 31 Oct 2019 12:22
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Oct 31 12:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 12:00:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312777	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	189621	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	441496	115.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	365836	102.38	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	914517	108.17	ug/L	0.00
20) 2-Butanone-d5	7.07	46	350465	255.98	ug/L	0.00
24) Chloroform-d	7.65	84	911875	104.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	492533	107.88	ug/L	0.00
29) Benzene-d6	8.27	84	1923861	102.38	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	581973	103.69	ug/L	0.00
37) Toluene-d8	10.32	98	1858744	107.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	283895	112.13	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	304121	283.46	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	532757	115.90	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	693636	103.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	358233	102.081 ug/L	97
3) Chloromethane	2.22	50	415362	109.341 ug/L	99
5) Vinyl chloride	2.37	62	514937	108.468 ug/L	97
6) Bromomethane	2.78	94	327061	95.345 ug/L	100
8) Chloroethane	2.92	64	301864	94.092 ug/L	99
9) Trichlorofluoromethane	3.25	101	235912	73.729 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	506827	100.592 ug/L	98
12) 1,1-Dichloroethene	4.04	96	528816	106.646 ug/L	91
13) Acetone	4.12	43	258827	170.328 ug/L	98
14) Carbon disulfide	4.39	76	1551701	109.364 ug/L	98
15) Methyl Acetate	4.67	43	298296	120.139 ug/L	100
16) Methylene chloride	4.92	84	531823	89.016 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	637729	92.951 ug/L	# 89
18) trans-1,2-Dichloroethene	5.42	96	542646	98.998 ug/L	97
19) 1,1-Dichloroethane	6.21	63	919792	99.134 ug/L	99
21) 2-Butanone	7.17	43	419932	217.651 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	590298	100.329 ug/L	99
23) Bromochloromethane	7.51	128	272251	102.376 ug/L	97
25) Chloroform	7.67	83	908610	97.489 ug/L	100
27) 1,2-Dichloroethane	8.40	62	610897	102.268 ug/L	99
30) Cyclohexane	7.95	56	919053	100.298 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	692235	94.890 ug/L	99
32) Carbon tetrachloride	8.07	117	712840	100.347 ug/L	99
34) Benzene	8.32	78	2125731	94.721 ug/L	100
35) Trichloroethene	9.09	95	562327	97.661 ug/L	99
36) Methylcyclohexane	9.34	83	1007751	99.297 ug/L	100
40) 1,2-Dichloropropane	9.37	63	524278	95.544 ug/L	100
41) Bromodichloromethane	9.64	83	685325	101.930 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	899622	103.842 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	856953	228.900 ug/L	98

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44) Toluene	10.38	91	2355016	97.672	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	744963	106.527	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	432392	102.172	ug/L	99
47) Tetrachloroethene	10.86	164	512806	97.294	ug/L	97
49) 2-Hexanone	10.97	43	625322	235.438	ug/L	99
50) Dibromochloromethane	11.13	129	527407	105.598	ug/L	97
51) 1,2-Dibromoethane	11.23	107	432655	105.132	ug/L	96
52) Chlorobenzene	11.66	112	1513146	98.083	ug/L	99
53) Ethylbenzene	11.73	91	2600921	97.630	ug/L	97
54) m,p-Xylene	11.84	106	1017002	98.788	ug/L	97
55) o-xylene	12.16	106	979979	100.310	ug/L	99
56) Styrene	12.18	104	1691501	101.212	ug/L	98
57) Isopropylbenzene	12.46	105	2623896	100.130	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	551055	111.096	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	410841	111.072	ug/L	98
62) Bromoform	12.35	173	349997	107.702	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1260236	97.946	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	1247444	96.481	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1141468	97.914	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	95771	119.521	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	965981	100.988	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	839471	103.376	ug/L	99
69) Naphthalene	15.36	128	1730058	117.574	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	744284	102.346	ug/L	100

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

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