

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014871.D
 Acq On : 05 Feb 2020 13:48
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Quant Time: Feb 05 14:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 14:42:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1052155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	943956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	428237	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87481	5.31	ug/L	0.00
7) Chloroethane-d5	2.89	69	70248	4.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	162594	4.64	ug/L	0.00
20) 2-Butanone-d5	7.08	46	47091	7.60	ug/L	0.00
24) Chloroform-d	7.64	84	155597	4.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	88495	4.70	ug/L	0.00
29) Benzene-d6	8.27	84	316855	4.76	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	103042	4.72	ug/L	0.00
37) Toluene-d8	10.32	98	276065	4.75	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	39690	4.60	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	31534	7.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75273	4.43	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	85045	4.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	52137	3.935 ug/L	87
3) Chloromethane	2.21	50	83271	4.585 ug/L	98
5) Vinyl chloride	2.36	62	115536	6.328 ug/L	95
6) Bromomethane	2.78	94	56264	5.266 ug/L	99
8) Chloroethane	2.92	64	60461	5.100 ug/L	94
9) Trichlorofluoromethane	3.26	101	43537	4.096 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	82031	5.035 ug/L	96
12) 1,1-Dichloroethene	4.04	96	78121	5.084 ug/L	91
13) Acetone	4.12	43	53188	7.941 ug/L	97
14) Carbon disulfide	4.38	76	238272	5.109 ug/L	99
15) Methyl Acetate	4.67	43	43522	4.341 ug/L #	73
16) Methylene chloride	4.92	84	105369	5.423 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	99833	5.120 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	80201	5.086 ug/L	98
19) 1,1-Dichloroethane	6.21	63	161991	5.059 ug/L	98
21) 2-Butanone	7.17	43	59732	8.310 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	83658	5.133 ug/L	98
23) Bromochloromethane	7.51	128	35952	5.158 ug/L	95
25) Chloroform	7.67	83	148132	5.068 ug/L	100
27) 1,2-Dichloroethane	8.40	62	103928	5.089 ug/L	98
30) Cyclohexane	7.95	56	138036	4.838 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	114634	5.175 ug/L	99
32) Carbon tetrachloride	8.07	117	102721	5.105 ug/L	98
34) Benzene	8.32	78	347815	5.262 ug/L	100
35) Trichloroethene	9.09	95	85402	5.232 ug/L	99
36) Methylcyclohexane	9.34	83	141730	4.957 ug/L	98
40) 1,2-Dichloropropane	9.37	63	92119	5.167 ug/L	99
41) Bromodichloromethane	9.64	83	102668	5.026 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	120690	4.864 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	109514	8.366 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014871.D
 Acq On : 05 Feb 2020 13:48
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Quant Time: Feb 05 14:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 14:42:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	346010	5.232	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	99775	4.886	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	60268	5.109	ug/L	96
47) Tetrachloroethene	10.86	164	63714	5.232	ug/L	96
49) 2-Hexanone	10.97	43	78492	8.691	ug/L	96
50) Dibromochloromethane	11.13	129	62403	4.920	ug/L	99
51) 1,2-Dibromoethane	11.23	107	56645	5.107	ug/L	98
52) Chlorobenzene	11.66	112	213523	5.293	ug/L	98
53) Ethylbenzene	11.73	91	368102	5.137	ug/L	99
54) m,p-Xylene	11.83	106	131687	5.022	ug/L	97
55) o-xylene	12.16	106	124777	5.108	ug/L	96
56) Styrene	12.18	104	209299	5.031	ug/L	98
57) Isopropylbenzene	12.46	105	334996	5.071	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	76257	4.924	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	57433	4.845	ug/L	100
62) Bromoform	12.35	173	32305	4.564	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	150355	5.235	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	150652	5.204	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	136028	5.202	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	11328	4.438	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	106198	5.218	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	76407	4.805	ug/L	99
69) Naphthalene	15.36	128	137215	4.254	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	71477	4.864	ug/L	98

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

