

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014210.D
 Acq On : 05 Dec 2019 12:22
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Quant Time: Dec 05 14:17:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1245378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1120055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	526948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48478	2.44	ug/L	0.00
7) Chloroethane-d5	2.89	69	33172	2.06	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	78624	1.93	ug/L	0.00
20) 2-Butanone-d5	7.07	46	18531	3.21	ug/L	0.00
24) Chloroform-d	7.64	84	68679	1.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	37709	1.96	ug/L	0.00
29) Benzene-d6	8.27	84	145946	1.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	43227	1.86	ug/L	0.00
37) Toluene-d8	10.32	98	125634	1.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	16503	1.66	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	13314	3.02	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35554	2.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	44338	2.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	31795	2.147 ug/L	94
3) Chloromethane	2.21	50	33384	2.538 ug/L	99
5) Vinyl chloride	2.36	62	47265	2.301 ug/L	93
6) Bromomethane	2.78	94	28487	2.240 ug/L	95
8) Chloroethane	2.92	64	25358	2.075 ug/L	89
9) Trichlorofluoromethane	3.25	101	21392	1.527 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	42285	2.045 ug/L	98
12) 1,1-Dichloroethene	4.04	96	41809	1.989 ug/L	78
13) Acetone	4.12	43	24963	4.250 ug/L	100
14) Carbon disulfide	4.38	76	127733	2.135 ug/L	97
15) Methyl Acetate	4.67	43	22008	2.316 ug/L	99
16) Methylene chloride	4.92	84	54377	2.268 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	51501	1.899 ug/L #	78
18) trans-1,2-Dichloroethene	5.42	96	44773	2.042 ug/L	97
19) 1,1-Dichloroethane	6.21	63	80843	2.189 ug/L	99
21) 2-Butanone	7.17	43	28486	3.775 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	46078	1.997 ug/L	98
23) Bromochloromethane	7.51	128	21568	2.130 ug/L	92
25) Chloroform	7.67	83	78433	2.163 ug/L	99
27) 1,2-Dichloroethane	8.40	62	52534	2.393 ug/L	96
30) Cyclohexane	7.95	56	63971	1.785 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	56838	2.025 ug/L	95
32) Carbon tetrachloride	8.06	117	54760	2.032 ug/L	98
34) Benzene	8.32	78	181890	2.214 ug/L	100
35) Trichloroethene	9.09	95	46990	2.144 ug/L	94
36) Methylcyclohexane	9.33	83	72179	1.837 ug/L	97
40) 1,2-Dichloropropane	9.37	63	46201	2.336 ug/L	99
41) Bromodichloromethane	9.64	83	55207	2.309 ug/L	91
42) cis-1,3-Dichloropropene	10.07	75	61741	1.978 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	54454	4.170 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.38	91	183114	2.044	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	51421	2.083	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	34938	2.404	ug/L	94
47) Tetrachloroethene	10.86	164	38828	1.988	ug/L	92
49) 2-Hexanone	10.97	43	36868	3.916	ug/L #	94
50) Dibromochloromethane	11.12	129	36393	2.131	ug/L	92
51) 1,2-Dibromoethane	11.23	107	32041	2.273	ug/L	97
52) Chlorobenzene	11.66	112	123190	2.194	ug/L	95
53) Ethylbenzene	11.73	91	194298	1.977	ug/L	99
54) m,p-Xylene	11.84	106	73046	1.912	ug/L	91
55) o-xylene	12.16	106	66280	1.853	ug/L	95
56) Styrene	12.18	104	111227	1.841	ug/L	99
57) Isopropylbenzene	12.46	105	176442	1.794	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	43270	2.550	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	32114	2.517	ug/L	97
62) Bromoform	12.35	173	21500	2.490	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	87258	2.358	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	90664	2.480	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	79857	2.437	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	6826	3.059	ug/L #	69
67) 1,3,5-Trichlorobenzene	14.63	180	59892	2.124	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	39771	1.794	ug/L	98
69) Naphthalene	15.36	128	62557	1.588	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	39165	2.002	ug/L	98

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

