

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017466.D
 Acq On : 24 Nov 2020 11:03
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05003

Quant Time: Nov 24 11:43:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 11:21:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198475	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	266554	42.22	ug/L	0.00
7) Chloroethane-d5	2.89	69	201029	41.60	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	570591	54.02	ug/L	0.00
20) 2-Butanone-d5	7.08	46	108553	99.64	ug/L	0.00
24) Chloroform-d	7.65	84	534388	49.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	260033	47.99	ug/L	0.00
29) Benzene-d6	8.27	84	1033570	48.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	289817	46.55	ug/L	0.00
37) Toluene-d8	10.32	98	963285	43.78	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	133779	46.41	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	82235	81.61	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209885	41.45	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	324208	42.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	187047	46.807 ug/L	99
3) Chloromethane	2.22	50	198170	46.248 ug/L	98
5) Vinyl chloride	2.37	62	261375	44.230 ug/L	100
6) Bromomethane	2.78	94	171154	38.989 ug/L	98
8) Chloroethane	2.93	64	163998	44.237 ug/L	100
9) Trichlorofluoromethane	3.26	101	287453	53.589 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	288650	52.478 ug/L	# 68
12) 1,1-Dichloroethene	4.04	96	286150	54.602 ug/L	93
13) Acetone	4.14	43	109971	140.384 ug/L	94
14) Carbon disulfide	4.39	76	815910	54.475 ug/L	98
15) Methyl Acetate	4.68	43	97139	56.652 ug/L	98
16) Methylene chloride	4.92	84	265372	33.184 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	305091	48.778 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	289190	51.732 ug/L	97
19) 1,1-Dichloroethane	6.21	63	484430	55.870 ug/L	99
21) 2-Butanone	7.17	43	137729	118.677 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	305123	52.439 ug/L	98
23) Bromochloromethane	7.52	128	133315	48.493 ug/L	92
25) Chloroform	7.68	83	506839	52.047 ug/L	100
27) 1,2-Dichloroethane	8.40	62	307074	50.811 ug/L	99
30) Cyclohexane	7.96	56	454478	62.892 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	434935	50.660 ug/L	99
32) Carbon tetrachloride	8.07	117	426422	50.601 ug/L	97
34) Benzene	8.32	78	1099788	52.404 ug/L	100
35) Trichloroethene	9.09	95	305478	47.734 ug/L	99
36) Methylcyclohexane	9.34	83	518946	49.583 ug/L	99
40) 1,2-Dichloropropane	9.37	63	255577	48.522 ug/L	100
41) Bromodichloromethane	9.65	83	358184	48.709 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	419191	49.848 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	240097	93.381 ug/L	98

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44) Toluene	10.39	91	1188348	46.578	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	362870	49.828	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	194338	43.097	ug/L	99
47) Tetrachloroethene	10.87	164	257164	41.874	ug/L	97
49) 2-Hexanone	10.97	43	199576	111.635	ug/L	91
50) Dibromochloromethane	11.13	129	246006	44.625	ug/L	98
51) 1,2-Dibromoethane	11.24	107	187376	45.322	ug/L	100
52) Chlorobenzene	11.66	112	756286	45.762	ug/L	97
53) Ethylbenzene	11.73	91	1365552	49.313	ug/L	97
54) m,p-Xylene	11.84	106	525897	48.531	ug/L	98
55) o-xylene	12.16	106	487608	46.371	ug/L	98
56) Styrene	12.18	104	840441	46.950	ug/L	98
57) Isopropylbenzene	12.46	105	1356982	46.333	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	212595	44.006	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	154858	44.839	ug/L	98
62) Bromoform	12.35	173	137198	45.300	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	614152	46.968	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	597668	45.430	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	530684	45.246	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	33323	48.442	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	444854	45.379	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	369538	42.533	ug/L	96
69) Naphthalene	15.36	128	576385	43.036	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	295381	38.284	ug/L	96

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

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