

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016320.D
 Acq On : 24 Aug 2020 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025

Quant Time: Aug 24 11:15:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 11:12:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90096	19.81	ug/L	0.00
7) Chloroethane-d5	2.90	69	70762	20.50	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	220672	22.84	ug/L	0.01
20) 2-Butanone-d5	7.09	46	53052	44.32	ug/L	0.00
24) Chloroform-d	7.65	84	227344	23.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	116893	22.35	ug/L	0.00
29) Benzene-d6	8.28	84	439907	24.15	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	124694	23.28	ug/L	0.00
37) Toluene-d8	10.33	98	422587	25.30	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	61527	25.56	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	38905	42.11	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105998	24.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	145552	25.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	104989	28.328	ug/L 95
3) Chloromethane	2.22	50	75711	20.571	ug/L 97
5) Vinyl chloride	2.37	62	112056	22.940	ug/L 99
6) Bromomethane	2.79	94	69198	22.619	ug/L 98
8) Chloroethane	2.93	64	62646	22.775	ug/L 96
9) Trichlorofluoromethane	3.26	101	120189	34.470	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	126042	25.579	ug/L 93
12) 1,1-Dichloroethene	4.04	96	124622	26.466	ug/L 88
13) Acetone	4.13	43	49058	54.182	ug/L 93
14) Carbon disulfide	4.39	76	370521	25.068	ug/L 99
15) Methyl Acetate	4.68	43	48370	22.720	ug/L 94
16) Methylene chloride	4.92	84	128195	22.129	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	186331	27.924	ug/L 98
18) trans-1,2-Dichloroethene	5.43	96	126957	25.632	ug/L 88
19) 1,1-Dichloroethane	6.22	63	210589	24.030	ug/L 99
21) 2-Butanone	7.18	43	66097	46.060	ug/L 93
22) cis-1,2-Dichloroethene	7.17	96	135242	25.883	ug/L 95
23) Bromochloromethane	7.52	128	61991	25.849	ug/L 89
25) Chloroform	7.68	83	228394	24.496	ug/L 100
27) 1,2-Dichloroethane	8.40	62	143618	23.124	ug/L 99
30) Cyclohexane	7.96	56	191289	26.257	ug/L 95
31) 1,1,1-Trichloroethane	7.87	97	208082	27.046	ug/L 98
32) Carbon tetrachloride	8.07	117	198520	27.282	ug/L 97
34) Benzene	8.32	78	492029	25.483	ug/L 100
35) Trichloroethene	9.10	95	135407	26.081	ug/L 96
36) Methylcyclohexane	9.34	83	235016	27.479	ug/L 96
40) 1,2-Dichloropropane	9.37	63	115055	24.265	ug/L 99
41) Bromodichloromethane	9.65	83	167533	25.721	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	194277	26.904	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	139909	49.058	ug/L 94

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44) Toluene	10.39	91	547140	26.844	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	174751	26.940	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	96592	25.880	ug/L	97
47) Tetrachloroethene	10.87	164	110691	28.440	ug/L	92
49) 2-Hexanone	10.97	43	96627	50.212	ug/L #	92
50) Dibromochloromethane	11.13	129	120416	27.393	ug/L	98
51) 1,2-Dibromoethane	11.24	107	93133	26.321	ug/L	92
52) Chlorobenzene	11.66	112	356303	26.421	ug/L	94
53) Ethylbenzene	11.73	91	625177	27.035	ug/L	99
54) m,p-Xylene	11.84	106	240840	27.686	ug/L	93
55) o-xylene	12.17	106	227657	27.784	ug/L	94
56) Styrene	12.18	104	387832	27.339	ug/L	99
57) Isopropylbenzene	12.46	105	630576	28.544	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	111020	25.494	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	82801	25.097	ug/L	99
62) Bromoform	12.35	173	67400	27.654	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	275178	27.031	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	271577	26.188	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	252430	27.046	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19973	24.404	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	205687	32.021	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	167525	32.178	ug/L	96
69) Naphthalene	15.37	128	342414	31.159	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	150161	31.748	ug/L	98

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

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