

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016510.D
 Acq On : 10 Sep 2020 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Sep 11 06:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 16:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	658348	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	594848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	156253	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	2.90	69	161341	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
10) 1,1-Dichloroethene-d2	4.03	63	369580	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.04%
20) 2-Butanone-d5	7.09	46	93241	37.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.76%
24) Chloroform-d	7.65	84	386889	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	8.31	65	194931	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.48%
29) Benzene-d6	8.28	84	723783	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	209814	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	710075	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.80%
38) trans-1,3-Dichloropropene-	10.58	79	99902	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	75303	41.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	176363	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	249901	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	149284	20.268	ug/L 97
3) Chloromethane	2.23	50	152489	23.581	ug/L 99
5) Vinyl chloride	2.37	62	223325	27.114	ug/L 96
6) Bromomethane	2.79	94	189990	30.862	ug/L 100
8) Chloroethane	2.93	64	147959	29.201	ug/L 98
9) Trichlorofluoromethane	3.27	101	191532	28.395	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	217007	27.200	ug/L 95
12) 1,1-Dichloroethene	4.04	96	211972	26.129	ug/L 96
13) Acetone	4.14	43	63492	39.657	ug/L 97
14) Carbon disulfide	4.39	76	631608	25.476	ug/L 100
15) Methyl Acetate	4.67	43	72526	18.678	ug/L 93
16) Methylene chloride	4.92	84	207020	20.149	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	286238	23.520	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	222362	25.804	ug/L 96
19) 1,1-Dichloroethane	6.22	63	359961	24.543	ug/L 98
21) 2-Butanone	7.18	43	99143	36.895	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	231490	25.786	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	102544	24.643	ug/L	89
25) Chloroform	7.68	83	385047	25.365	ug/L	99
27) 1,2-Dichloroethane	8.40	62	242281	23.969	ug/L	96
30) Cyclohexane	7.96	56	340832	23.986	ug/L	94
31) 1,1,1-Trichloroethane	7.88	97	348899	27.087	ug/L	98
32) Carbon tetrachloride	8.07	117	340388	27.629	ug/L	98
34) Benzene	8.33	78	821224	25.250	ug/L	100
35) Trichloroethene	9.09	95	234027	25.969	ug/L	99
36) Methylcyclohexane	9.34	83	401816	25.484	ug/L	96
40) 1,2-Dichloropropane	9.37	63	190069	23.636	ug/L	99
41) Bromodichloromethane	9.65	83	285209	25.369	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	331256	24.275	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	222113	39.007	ug/L	97
44) Toluene	10.39	91	944877	25.963	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	287164	23.542	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	153661	24.110	ug/L	98
47) Tetrachloroethene	10.87	164	184380	25.518	ug/L	83
49) 2-Hexanone	10.97	43	156346	39.426	ug/L	96
50) Dibromochloromethane	11.13	129	199309	24.732	ug/L	98
51) 1,2-Dibromoethane	11.24	107	153958	24.174	ug/L	99
52) Chlorobenzene	11.66	112	610055	26.425	ug/L	96
53) Ethylbenzene	11.73	91	1076684	26.265	ug/L	99
54) m,p-Xylene	11.84	106	415800	26.540	ug/L	98
55) o-xylene	12.16	106	388260	26.016	ug/L	97
56) Styrene	12.18	104	665887	25.968	ug/L	96
57) Isopropylbenzene	12.46	105	1109962	27.151	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	177560	23.371	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	127577	22.467	ug/L	98
62) Bromoform	12.35	173	111913	23.389	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	471744	26.278	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	458395	25.752	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	417276	26.150	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	30573	20.576	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	323867	26.174	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	266828	24.931	ug/L	99
69) Naphthalene	15.36	128	519337	22.992	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	228733	24.892	ug/L	97

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

