

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016274.D
 Acq On : 20 Aug 2020 18:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Aug 21 03:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	351957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328018	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158926	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72870	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
7) Chloroethane-d5	2.89	69	62644	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.64%
10) 1,1-Dichloroethene-d2	4.02	63	185153	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.92%
20) 2-Butanone-d5	7.08	46	65193	56.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.56%
24) Chloroform-d	7.65	84	216166	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	111815	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	8.27	84	405355	22.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.88%
33) 1,2-Dichloropropane-d6	9.27	67	121567	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.68%
37) Toluene-d8	10.32	98	379000	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.64%
38) trans-1,3-Dichloropropene-	10.58	79	54965	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.24%
39) 2-Hexanone-d5	10.93	63	56657	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119970	28.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	139564	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	88059	24.767	ug/L 98
3) Chloromethane	2.21	50	71618	20.284	ug/L 99
5) Vinyl chloride	2.37	62	102537	21.881	ug/L 99
6) Bromomethane	2.78	94	65961	22.475	ug/L 98
8) Chloroethane	2.93	64	58447	22.149	ug/L 99
9) Trichlorofluoromethane	3.26	101	101667	30.394	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	117108	24.773	ug/L 96
12) 1,1-Dichloroethene	4.04	96	111240	24.626	ug/L 92
13) Acetone	4.12	43	47169	54.304	ug/L 93
14) Carbon disulfide	4.39	76	336095	23.703	ug/L 99
15) Methyl Acetate	4.67	43	50745	24.846	ug/L 96
16) Methylene chloride	4.92	84	141668	25.492	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	168233	26.281	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	119659	25.182	ug/L 86
19) 1,1-Dichloroethane	6.22	63	199927	23.780	ug/L 96
21) 2-Butanone	7.17	43	67609	49.111	ug/L 93
22) cis-1,2-Dichloroethene	7.17	96	129069	25.748	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	59909	26.040	ug/L	88
25) Chloroform	7.68	83	217430	24.309	ug/L	99
27) 1,2-Dichloroethane	8.40	62	137604	23.095	ug/L #	94
30) Cyclohexane	7.96	56	171085	23.971	ug/L	95
31) 1,1,1-Trichloroethane	7.88	97	184859	24.526	ug/L	97
32) Carbon tetrachloride	8.07	117	176383	24.742	ug/L	98
34) Benzene	8.32	78	473121	25.012	ug/L	100
35) Trichloroethene	9.09	95	126865	24.943	ug/L	96
36) Methylcyclohexane	9.34	83	208223	24.851	ug/L	95
40) 1,2-Dichloropropane	9.37	63	114029	24.548	ug/L	98
41) Bromodichloromethane	9.65	83	155648	24.392	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	181827	25.702	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	144961	51.884	ug/L	95
44) Toluene	10.39	91	514468	25.765	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	164450	25.878	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	93697	25.625	ug/L	98
47) Tetrachloroethene	10.87	164	97845	25.661	ug/L	95
49) 2-Hexanone	10.97	43	101802	53.998	ug/L	96
50) Dibromochloromethane	11.13	129	113860	26.439	ug/L	97
51) 1,2-Dibromoethane	11.24	107	92691	26.739	ug/L #	99
52) Chlorobenzene	11.66	112	339479	25.695	ug/L	96
53) Ethylbenzene	11.73	91	575889	25.420	ug/L	100
54) m,p-Xylene	11.84	106	221459	25.986	ug/L	94
55) o-xylene	12.17	106	210920	26.276	ug/L	99
56) Styrene	12.18	104	368177	26.492	ug/L	96
57) Isopropylbenzene	12.46	105	584953	27.028	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	115065	26.970	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	85887	26.573	ug/L	99
62) Bromoform	12.35	173	63550	26.444	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	251706	25.076	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	260440	25.469	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	239455	26.019	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	20560	25.477	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	170910	26.984	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	144292	28.108	ug/L	97
69) Naphthalene	15.36	128	317697	29.320	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	134205	28.776	ug/L	99

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

