

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101420\
 Data File : VW016889.D
 Acq On : 13 Oct 2020 09:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Oct 14 08:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 13:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	534798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474628	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132836	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	110789	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.03	63	288886	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.16%
20) 2-Butanone-d5	7.08	46	63700	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.65	84	292231	25.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	8.31	65	139937	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.68%
29) Benzene-d6	8.27	84	563034	26.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.48%
33) 1,2-Dichloropropane-d6	9.27	67	154003	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.32%
37) Toluene-d8	10.32	98	531604	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	68843	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.76%
39) 2-Hexanone-d5	10.93	63	53114	59.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130542	27.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	200560	26.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	177008	27.691	ug/L 96
3) Chloromethane	2.21	50	138254	24.536	ug/L 100
5) Vinyl chloride	2.37	62	210023	28.711	ug/L 97
6) Bromomethane	2.78	94	140976	26.214	ug/L 99
8) Chloroethane	2.93	64	124265	27.524	ug/L 100
9) Trichlorofluoromethane	3.26	101	156214	27.639	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	198519	27.571	ug/L 99
12) 1,1-Dichloroethene	4.05	96	190521	27.554	ug/L 91
13) Acetone	4.13	43	48841	54.009	ug/L 97
14) Carbon disulfide	4.39	76	536186	27.044	ug/L 99
15) Methyl Acetate	4.67	43	59319	27.454	ug/L 99
16) Methylene chloride	4.92	84	182255	24.694	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	208047	26.888	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	193693	26.814	ug/L 98
19) 1,1-Dichloroethane	6.22	63	303284	27.264	ug/L 99
21) 2-Butanone	7.17	43	76373	50.309	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	197943	26.856	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	92775	26.804	ug/L	97
25) Chloroform	7.68	83	325650	27.109	ug/L	98
27) 1,2-Dichloroethane	8.40	62	191428	26.638	ug/L	100
30) Cyclohexane	7.96	56	274713	27.910	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	285223	28.258	ug/L	100
32) Carbon tetrachloride	8.07	117	281052	28.534	ug/L	98
34) Benzene	8.32	78	704613	27.645	ug/L	100
35) Trichloroethene	9.09	95	196050	27.193	ug/L	98
36) Methylcyclohexane	9.34	83	339310	27.991	ug/L	100
40) 1,2-Dichloropropane	9.37	63	159893	27.742	ug/L	100
41) Bromodichloromethane	9.65	83	223011	27.543	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	260909	28.393	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	165592	57.070	ug/L	100
44) Toluene	10.39	91	781224	27.629	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	221380	28.630	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	131240	28.012	ug/L	99
47) Tetrachloroethene	10.87	164	175440	26.247	ug/L	97
49) 2-Hexanone	10.97	43	111996	58.478	ug/L	99
50) Dibromochloromethane	11.13	129	162779	27.947	ug/L	95
51) 1,2-Dibromoethane	11.24	107	127985	27.798	ug/L	94
52) Chlorobenzene	11.66	112	505590	26.644	ug/L	99
53) Ethylbenzene	11.73	91	889874	28.055	ug/L	99
54) m,p-Xylene	11.84	106	349330	28.317	ug/L	98
55) o-xylene	12.17	106	322553	27.366	ug/L	99
56) Styrene	12.18	104	553794	28.473	ug/L	94
57) Isopropylbenzene	12.46	105	900709	27.907	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	144136	27.837	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	103293	27.538	ug/L	99
62) Bromoform	12.35	173	95686	28.708	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	419219	27.801	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	407880	27.047	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	375704	27.827	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22542	27.525	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	312671	27.895	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	259946	28.235	ug/L	98
69) Naphthalene	15.36	128	446947	29.317	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	234075	29.588	ug/L	98

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

