

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014817.D
 Acq On : 30 Jan 2020 19:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Jan 31 01:12:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1100201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	921101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	450515	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	343535	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.89	69	319344	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.03	63	759342	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.32%
20) 2-Butanone-d5	7.07	46	238088	48.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.24%
24) Chloroform-d	7.64	84	678565	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	345891	21.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.60%
29) Benzene-d6	8.27	84	1379370	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.27	67	430923	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.64%
37) Toluene-d8	10.32	98	1242364	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.57	79	168543	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.92	63	190138	56.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	338410	23.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	422846	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	321581	23.769	ug/L	99
3) Chloromethane	2.21	50	327956	20.779	ug/L	100
5) Vinyl chloride	2.36	62	502417	22.626	ug/L	96
6) Bromomethane	2.78	94	265234	22.850	ug/L	100
8) Chloroethane	2.92	64	275054	22.864	ug/L	98
9) Trichlorofluoromethane	3.26	101	241006	22.603	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	387931	25.471	ug/L	99
12) 1,1-Dichloroethene	4.04	96	388459	25.864	ug/L	85
13) Acetone	4.12	43	209319	39.498	ug/L	98
14) Carbon disulfide	4.39	76	1199582	24.399	ug/L	100
15) Methyl Acetate	4.67	43	214058	27.066	ug/L	98
16) Methylene chloride	4.91	84	437986	23.557	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	603855	30.416	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	405820	26.152	ug/L	96
19) 1,1-Dichloroethane	6.21	63	762626	26.207	ug/L	99
21) 2-Butanone	7.17	43	262047	44.162	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	395851	24.365	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	163637	23.050	ug/L	96
25) Chloroform	7.67	83	643700	23.708	ug/L	100
27) 1,2-Dichloroethane	8.40	62	406711	22.671	ug/L	97
30) Cyclohexane	7.95	56	669304	26.609	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	497896	24.755	ug/L	99
32) Carbon tetrachloride	8.07	117	454625	24.120	ug/L	100
34) Benzene	8.32	78	1518847	25.747	ug/L	100
35) Trichloroethene	9.09	95	383039	25.559	ug/L	98
36) Methylcyclohexane	9.33	83	656444	25.178	ug/L	98
40) 1,2-Dichloropropane	9.37	63	376986	25.208	ug/L	100
41) Bromodichloromethane	9.64	83	442329	24.749	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	577895	26.457	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	526904	53.583	ug/L	98
44) Toluene	10.38	91	1518593	25.334	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	456013	25.717	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	259508	25.420	ug/L	99
47) Tetrachloroethene	10.86	164	297405	24.837	ug/L	98
49) 2-Hexanone	10.96	43	369892	52.319	ug/L	99
50) Dibromochloromethane	11.13	129	301255	25.864	ug/L	97
51) 1,2-Dibromoethane	11.23	107	252961	25.760	ug/L	97
52) Chlorobenzene	11.65	112	925049	24.715	ug/L	99
53) Ethylbenzene	11.73	91	1636894	24.989	ug/L	98
54) m,p-Xylene	11.83	106	643545	26.281	ug/L	97
55) o-xylene	12.16	106	599803	26.106	ug/L	100
56) Styrene	12.18	104	1021871	26.224	ug/L	100
57) Isopropylbenzene	12.46	105	1612596	25.915	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	323528	24.597	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	235525	23.838	ug/L	99
62) Bromoform	12.35	173	165564	23.412	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	718811	24.713	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	710711	24.381	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	662004	25.023	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	51906	23.922	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	553844	25.708	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	464083	29.028	ug/L	99
69) Naphthalene	15.36	128	902635	31.216	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	403858	27.551	ug/L	98

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

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