

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020620\
 Data File : VW014906.D
 Acq On : 06 Feb 2020 19:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Feb 07 06:02:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 05:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	763164	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	714416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	340670	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	329815	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
7) Chloroethane-d5	2.89	69	277986	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.03	63	583629	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.12%
20) 2-Butanone-d5	7.07	46	183672	51.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.60%
24) Chloroform-d	7.65	84	593173	27.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.52%
26) 1,2-Dichloroethane-d4	8.31	65	327920	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.40%
29) Benzene-d6	8.27	84	1181616	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	394592	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	10.32	98	1048306	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.58	79	149336	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.92	63	140204	51.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	297631	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	325594	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	182112	23.211	ug/L 92
3) Chloromethane	2.21	50	297261	25.003	ug/L 99
5) Vinyl chloride	2.37	62	385489	24.833	ug/L 98
6) Bromomethane	2.78	94	188337	24.263	ug/L 98
8) Chloroethane	2.93	64	216444	25.484	ug/L 99
9) Trichlorofluoromethane	3.26	101	147102	23.442	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	276703	24.980	ug/L 96
12) 1,1-Dichloroethene	4.04	96	257435	23.780	ug/L 94
13) Acetone	4.12	43	149783	40.926	ug/L 100
14) Carbon disulfide	4.38	76	798715	24.572	ug/L 100
15) Methyl Acetate	4.67	43	146621	24.345	ug/L 98
16) Methylene chloride	4.92	84	303248	21.811	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	329452	23.294	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	265313	24.188	ug/L 92
19) 1,1-Dichloroethane	6.21	63	568664	25.590	ug/L 99
21) 2-Butanone	7.17	43	200185	46.718	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	285196	24.039	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	117993	24.240	ug/L	87
25) Chloroform	7.68	83	531118	26.019	ug/L	99
27) 1,2-Dichloroethane	8.40	62	361654	25.698	ug/L	100
30) Cyclohexane	7.96	56	502866	23.623	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	386669	23.737	ug/L	97
32) Carbon tetrachloride	8.07	117	349057	23.838	ug/L	99
34) Benzene	8.32	78	1222831	24.891	ug/L	100
35) Trichloroethene	9.09	95	287259	23.589	ug/L	99
36) Methylcyclohexane	9.34	83	495554	23.362	ug/L	97
40) 1,2-Dichloropropane	9.37	63	333166	25.342	ug/L	100
41) Bromodichloromethane	9.64	83	378563	25.126	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	454055	24.323	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	425339	49.340	ug/L	98
44) Toluene	10.38	91	1249105	25.046	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	366336	24.369	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	211501	24.438	ug/L	98
47) Tetrachloroethene	10.86	164	205494	22.966	ug/L	99
49) 2-Hexanone	10.97	43	305445	50.443	ug/L	96
50) Dibromochloromethane	11.13	129	223849	24.066	ug/L	97
51) 1,2-Dibromoethane	11.23	107	187335	23.264	ug/L	100
52) Chlorobenzene	11.65	112	732965	24.038	ug/L	97
53) Ethylbenzene	11.73	91	1353032	24.799	ug/L	99
54) m,p-Xylene	11.83	106	497839	24.980	ug/L	98
55) o-xylene	12.16	106	462092	24.363	ug/L	95
56) Styrene	12.18	104	823116	25.677	ug/L	99
57) Isopropylbenzene	12.46	105	1262055	24.776	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	264232	24.461	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	198133	24.379	ug/L	98
62) Bromoform	12.35	173	116220	22.379	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	532642	23.146	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	536436	23.142	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	489438	23.253	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	40742	22.702	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	376350	22.835	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	293910	22.571	ug/L	100
69) Naphthalene	15.36	128	564392	22.034	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	279237	23.224	ug/L	99

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

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