

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010770.D
 Acq On : 11 Jun 2019 16:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Jun 12 01:59:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 12:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401830	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	368417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175066	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112292	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
7) Chloroethane-d5	2.88	69	88472	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
10) 1,1-Dichloroethene-d2	4.02	63	244972	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.76%
20) 2-Butanone-d5	7.08	46	87459	38.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.18%
24) Chloroform-d	7.65	84	181412	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	8.31	65	139276	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.27	84	450563	20.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.92%
33) 1,2-Dichloropropane-d6	9.27	67	147154	20.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.40%
37) Toluene-d8	10.32	98	408222	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.60%
38) trans-1,3-Dichloropropene-	10.58	79	66185	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	70818	42.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127926	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	142668	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	149641	23.256	ug/L 99
3) Chloromethane	2.21	50	166572	23.278	ug/L 100
5) Vinyl chloride	2.35	62	153413	23.384	ug/L 99
6) Bromomethane	2.76	94	71386	24.155	ug/L 97
8) Chloroethane	2.92	64	89357	23.257	ug/L 97
9) Trichlorofluoromethane	3.26	101	202955	23.382	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	115943	22.831	ug/L 99
12) 1,1-Dichloroethene	4.04	96	105601	22.601	ug/L 97
13) Acetone	4.12	43	113678	46.079	ug/L 100
14) Carbon disulfide	4.38	76	297039	21.543	ug/L 99
15) Methyl Acetate	4.67	43	90781	22.920	ug/L 100
16) Methylene chloride	4.92	84	126662	22.970	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	358930	23.199	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	118494	22.745	ug/L 98
19) 1,1-Dichloroethane	6.22	63	253146	23.320	ug/L 99
21) 2-Butanone	7.17	43	144192	42.791	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	137373	23.173	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	56657	23.298	ug/L	98
25) Chloroform	7.68	83	277034	22.174	ug/L	100
27) 1,2-Dichloroethane	8.40	62	185287	23.193	ug/L	99
30) Cyclohexane	7.95	56	242946	22.256	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	204787	23.258	ug/L	100
32) Carbon tetrachloride	8.07	117	170389	23.209	ug/L	99
34) Benzene	8.32	78	522260	23.047	ug/L	100
35) Trichloroethene	9.09	95	132878	22.882	ug/L	99
36) Methylcyclohexane	9.34	83	228425	22.327	ug/L	100
40) 1,2-Dichloropropane	9.37	63	147207	23.307	ug/L	100
41) Bromodichloromethane	9.65	83	179406	24.123	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	224845	23.255	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	283973	46.794	ug/L	100
44) Toluene	10.39	91	549722	23.163	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	196031	24.079	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	105536	23.472	ug/L	99
47) Tetrachloroethene	10.86	164	98769	22.697	ug/L	97
49) 2-Hexanone	10.97	43	216497	48.126	ug/L	98
50) Dibromochloromethane	11.13	129	118626	23.806	ug/L	96
51) 1,2-Dibromoethane	11.24	107	98246	22.820	ug/L	99
52) Chlorobenzene	11.66	112	345374	23.341	ug/L	99
53) Ethylbenzene	11.73	91	631104	23.235	ug/L	99
54) m,p-Xylene	11.84	106	226102	23.100	ug/L	99
55) o-xylene	12.17	106	220747	23.258	ug/L	99
56) Styrene	12.18	104	391068	23.678	ug/L	100
57) Isopropylbenzene	12.47	105	612845	23.582	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	143100	23.754	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	112199	23.559	ug/L	100
62) Bromoform	12.35	173	70697	23.810	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	270263	23.926	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	268906	23.522	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	251985	23.844	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26408	23.705	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	209439	24.430	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	175705	24.558	ug/L	100
69) Naphthalene	15.37	128	377632	24.965	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	158539	24.732	ug/L	100

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

