

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015614.D
 Acq On : 17 Jun 2020 09:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Jun 18 07:04:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 12:08:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156106	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	62763	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
7) Chloroethane-d5	2.89	69	76258	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.02	63	163844	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.68%
20) 2-Butanone-d5	7.08	46	53274	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
24) Chloroform-d	7.65	84	189617	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	8.31	65	105427	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.27	84	348018	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	108838	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.32	98	329425	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	10.58	79	44659	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
39) 2-Hexanone-d5	10.93	63	42469	53.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89775	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	119139	22.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	71516	23.912	ug/L 100
3) Chloromethane	2.21	50	71391	21.684	ug/L 99
5) Vinyl chloride	2.37	62	113217	22.866	ug/L 98
6) Bromomethane	2.79	94	72738	22.603	ug/L 99
8) Chloroethane	2.93	64	71720	23.796	ug/L 100
9) Trichlorofluoromethane	3.26	101	89233	25.325	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	93850	22.457	ug/L 99
12) 1,1-Dichloroethene	4.04	96	90476	22.413	ug/L 91
13) Acetone	4.12	43	44782	57.190	ug/L 98
14) Carbon disulfide	4.38	76	267972	19.898	ug/L 100
15) Methyl Acetate	4.67	43	40214	23.738	ug/L 99
16) Methylene chloride	4.91	84	95563	23.000	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	143731	22.437	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	97911	22.632	ug/L 98
19) 1,1-Dichloroethane	6.22	63	180240	23.163	ug/L 100
21) 2-Butanone	7.17	43	55297	45.970	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	103604	22.957	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	44869	23.056	ug/L	96
25) Chloroform	7.68	83	182599	23.305	ug/L	99
27) 1,2-Dichloroethane	8.40	62	125322	23.644	ug/L	98
30) Cyclohexane	7.96	56	161887	21.241	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	161354	23.393	ug/L	99
32) Carbon tetrachloride	8.07	117	146046	23.085	ug/L	100
34) Benzene	8.32	78	397860	23.075	ug/L	100
35) Trichloroethene	9.09	95	105840	22.852	ug/L	99
36) Methylcyclohexane	9.34	83	179724	21.758	ug/L	99
40) 1,2-Dichloropropane	9.37	63	99028	23.322	ug/L	99
41) Bromodichloromethane	9.65	83	130528	23.011	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	154805	22.783	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	115420	46.373	ug/L	100
44) Toluene	10.39	91	435839	23.201	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	135259	22.875	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	70522	23.740	ug/L	96
47) Tetrachloroethene	10.87	164	81922	22.314	ug/L	93
49) 2-Hexanone	10.97	43	82028	48.826	ug/L	98
50) Dibromochloromethane	11.13	129	84223	23.336	ug/L	99
51) 1,2-Dibromoethane	11.24	107	67220	23.571	ug/L	97
52) Chlorobenzene	11.66	112	273587	23.219	ug/L	98
53) Ethylbenzene	11.73	91	502325	23.288	ug/L	100
54) m,p-Xylene	11.84	106	187688	23.189	ug/L	96
55) o-xylene	12.16	106	180349	23.474	ug/L	97
56) Styrene	12.18	104	312647	23.816	ug/L	98
57) Isopropylbenzene	12.46	105	511445	23.897	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	85065	24.735	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	63386	24.308	ug/L	100
62) Bromoform	12.35	173	46604	21.427	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	214072	22.410	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	210148	22.452	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	193769	23.343	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	13521	21.471	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	151739	22.944	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	118288	22.207	ug/L	98
69) Naphthalene	15.37	128	216921	22.429	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	101308	22.356	ug/L	97

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

