

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014886.D
 Acq On : 06 Feb 2020 01:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Feb 06 03:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	913200	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	836888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	385704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	364679	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
7) Chloroethane-d5	2.89	69	305321	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
10) 1,1-Dichloroethene-d2	4.03	63	655857	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.96%
20) 2-Butanone-d5	7.07	46	173759	40.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.90%
24) Chloroform-d	7.65	84	657877	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	8.30	65	345290	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.27	84	1325762	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.27	67	431455	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.32	98	1172479	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.04%
38) trans-1,3-Dichloropropene-	10.57	79	154110	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.00%
39) 2-Hexanone-d5	10.92	63	135202	42.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	294350	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	360250	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	207870	22.141	ug/L 98
3) Chloromethane	2.21	50	346784	24.377	ug/L 99
5) Vinyl chloride	2.37	62	454247	24.455	ug/L 100
6) Bromomethane	2.78	94	230599	24.827	ug/L 99
8) Chloroethane	2.92	64	256116	25.201	ug/L 98
9) Trichlorofluoromethane	3.26	101	150023	19.980	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	321913	24.287	ug/L 99
12) 1,1-Dichloroethene	4.04	96	315995	24.393	ug/L 92
13) Acetone	4.12	43	137417	31.378	ug/L 100
14) Carbon disulfide	4.38	76	949331	24.407	ug/L 100
15) Methyl Acetate	4.67	43	155603	21.592	ug/L 100
16) Methylene chloride	4.92	84	371152	22.309	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	401700	23.736	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	331243	25.237	ug/L 95
19) 1,1-Dichloroethane	6.21	63	697445	26.229	ug/L 99
21) 2-Butanone	7.16	43	202905	39.573	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	362940	25.565	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	142946	24.542	ug/L	96
25) Chloroform	7.67	83	646007	26.448	ug/L	99
27) 1,2-Dichloroethane	8.40	62	420056	24.944	ug/L	100
30) Cyclohexane	7.95	56	601937	24.139	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	472909	24.783	ug/L	98
32) Carbon tetrachloride	8.06	117	412159	24.028	ug/L	99
34) Benzene	8.32	78	1488667	25.868	ug/L	100
35) Trichloroethene	9.09	95	355746	24.938	ug/L	99
36) Methylcyclohexane	9.33	83	589849	23.738	ug/L	98
40) 1,2-Dichloropropane	9.37	63	401019	26.040	ug/L	100
41) Bromodichloromethane	9.64	83	451284	25.569	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	542654	24.815	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	455541	45.111	ug/L	99
44) Toluene	10.38	91	1522136	26.054	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	427243	24.261	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	244027	24.070	ug/L	99
47) Tetrachloroethene	10.86	164	248895	23.746	ug/L	100
49) 2-Hexanone	10.96	43	311634	43.934	ug/L	99
50) Dibromochloromethane	11.13	129	263986	24.228	ug/L	100
51) 1,2-Dibromoethane	11.23	107	218472	23.161	ug/L	100
52) Chlorobenzene	11.65	112	903007	25.281	ug/L	97
53) Ethylbenzene	11.73	91	1674851	26.205	ug/L	99
54) m,p-Xylene	11.83	106	613043	26.259	ug/L	97
55) o-xylene	12.16	106	592343	26.659	ug/L	97
56) Styrene	12.18	104	1013684	26.994	ug/L	99
57) Isopropylbenzene	12.46	105	1566859	26.258	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	294063	23.238	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	216209	22.710	ug/L	100
62) Bromoform	12.35	173	135829	23.101	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	663310	25.459	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	658047	25.074	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	602978	25.303	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	45736	22.509	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	474594	25.434	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	375283	25.455	ug/L	98
69) Naphthalene	15.36	128	722671	24.919	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	345127	25.353	ug/L	99

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

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