

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014806.D
 Acq On : 30 Jan 2020 11:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Jan 31 01:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 13:41:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	968634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	870474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	402365	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	383950	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
7) Chloroethane-d5	2.89	69	328643	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.02	63	702070	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.16%
20) 2-Butanone-d5	7.07	46	200991	46.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.28%
24) Chloroform-d	7.64	84	704579	26.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	8.30	65	365937	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.64%
29) Benzene-d6	8.27	84	1441067	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	9.27	67	445232	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.32	98	1271359	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.20%
38) trans-1,3-Dichloropropene-	10.57	79	170306	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	10.92	63	152047	47.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	314290	23.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	402274	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	251697	21.131	ug/L 99
3) Chloromethane	2.21	50	346862	24.962	ug/L 98
5) Vinyl chloride	2.36	62	489114	25.019	ug/L 97
6) Bromomethane	2.78	94	235494	23.044	ug/L 99
8) Chloroethane	2.92	64	243571	22.997	ug/L 98
9) Trichlorofluoromethane	3.26	101	249901	26.620	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	320985	23.938	ug/L 98
12) 1,1-Dichloroethene	4.04	96	318864	24.114	ug/L 92
13) Acetone	4.11	43	183081	39.239	ug/L 98
14) Carbon disulfide	4.38	76	1034058	23.889	ug/L 99
15) Methyl Acetate	4.67	43	152294	21.872	ug/L 98
16) Methylene chloride	4.91	84	341003	20.832	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	414011	23.686	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	329778	24.139	ug/L 96
19) 1,1-Dichloroethane	6.21	63	625372	24.409	ug/L 98
21) 2-Butanone	7.16	43	218698	41.863	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	339556	23.739	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	140878	22.539	ug/L	97
25) Chloroform	7.67	83	582636	24.373	ug/L	100
27) 1,2-Dichloroethane	8.40	62	375398	23.768	ug/L	100
30) Cyclohexane	7.95	56	612924	25.785	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	472682	24.869	ug/L	99
32) Carbon tetrachloride	8.06	117	438638	24.625	ug/L	99
34) Benzene	8.32	78	1362981	24.448	ug/L	100
35) Trichloroethene	9.09	95	340844	24.066	ug/L	100
36) Methylcyclohexane	9.33	83	623025	25.286	ug/L	99
40) 1,2-Dichloropropane	9.37	63	342697	24.248	ug/L	99
41) Bromodichloromethane	9.64	83	399083	23.628	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	507706	24.596	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	397612	42.787	ug/L	99
44) Toluene	10.38	91	1402033	24.750	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	399676	23.851	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	218333	22.631	ug/L	99
47) Tetrachloroethene	10.86	164	269461	23.812	ug/L	97
49) 2-Hexanone	10.96	43	300729	45.011	ug/L	99
50) Dibromochloromethane	11.13	129	252465	22.935	ug/L	96
51) 1,2-Dibromoethane	11.23	107	204881	22.077	ug/L	99
52) Chlorobenzene	11.65	112	857535	24.243	ug/L	98
53) Ethylbenzene	11.73	91	1562698	25.243	ug/L	98
54) m,p-Xylene	11.83	106	599591	25.911	ug/L	97
55) o-xylene	12.16	106	537005	24.732	ug/L	98
56) Styrene	12.18	104	929436	25.240	ug/L	96
57) Isopropylbenzene	12.46	105	1507943	25.643	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	268224	21.578	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	198404	21.249	ug/L	99
62) Bromoform	12.35	173	140048	22.173	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	622711	23.971	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	622332	23.904	ug/L	97
65) 1,2-Dichlorobenzene	13.86	146	560950	23.741	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	40115	20.700	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	459343	23.873	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	349868	24.502	ug/L	99
69) Naphthalene	15.36	128	603273	23.360	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	312033	23.834	ug/L	100

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

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