

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073119\
 Data File : VW011588.D
 Acq On : 31 Jul 2019 17:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Aug 01 05:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 05:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109479	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
7) Chloroethane-d5	2.89	69	79463	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.08%
10) 1,1-Dichloroethene-d2	4.02	63	252840	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.04%
20) 2-Butanone-d5	7.07	46	137701	69.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.70%#
24) Chloroform-d	7.65	84	210840	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.30	65	125141	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	427291	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	9.27	67	137717	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.32	98	380725	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	59278	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.92%
39) 2-Hexanone-d5	10.92	63	85822	66.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125476	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	123626	23.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	90718	25.848	ug/L 99
3) Chloromethane	2.21	50	110846	24.281	ug/L 98
5) Vinyl chloride	2.36	62	147177	25.269	ug/L 99
6) Bromomethane	2.78	94	67914	24.733	ug/L 100
8) Chloroethane	2.92	64	75536	24.797	ug/L 100
9) Trichlorofluoromethane	3.25	101	71772	24.190	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	113914	25.324	ug/L 95
12) 1,1-Dichloroethene	4.04	96	113318	25.195	ug/L 90
13) Acetone	4.11	43	140534	66.087	ug/L 98
14) Carbon disulfide	4.38	76	363068	24.785	ug/L 99
15) Methyl Acetate	4.67	43	106408	30.605	ug/L 100
16) Methylene chloride	4.91	84	118329	24.213	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	176863	23.613	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	115626	24.882	ug/L 100
19) 1,1-Dichloroethane	6.21	63	228245	24.587	ug/L 99
21) 2-Butanone	7.16	43	175534	65.838	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	120036	24.691	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49318	23.842	ug/L	98
25) Chloroform	7.67	83	207191	24.215	ug/L	99
27) 1,2-Dichloroethane	8.40	62	156655	24.732	ug/L	98
30) Cyclohexane	7.95	56	242934	25.676	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	167664	25.280	ug/L	99
32) Carbon tetrachloride	8.07	117	158702	25.436	ug/L	100
34) Benzene	8.32	78	481138	25.225	ug/L	100
35) Trichloroethene	9.09	95	121987	25.192	ug/L	99
36) Methylcyclohexane	9.34	83	229192	26.090	ug/L	98
40) 1,2-Dichloropropane	9.37	63	126732	24.891	ug/L	100
41) Bromodichloromethane	9.64	83	147802	24.600	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	189147	24.837	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	283605	61.478	ug/L	100
44) Toluene	10.38	91	491837	25.380	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	158140	24.958	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	85670	24.679	ug/L	98
47) Tetrachloroethene	10.86	164	93708	25.335	ug/L	96
49) 2-Hexanone	10.97	43	224317	63.115	ug/L	99
50) Dibromochloromethane	11.13	129	94790	24.774	ug/L	99
51) 1,2-Dibromoethane	11.23	107	85843	25.414	ug/L	99
52) Chlorobenzene	11.66	112	288273	24.656	ug/L	100
53) Ethylbenzene	11.73	91	551658	25.527	ug/L	100
54) m,p-Xylene	11.84	106	200760	25.547	ug/L	96
55) o-xylene	12.16	106	188697	25.515	ug/L	98
56) Styrene	12.18	104	322348	25.637	ug/L	100
57) Isopropylbenzene	12.46	105	528941	25.997	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	124591	27.009	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	99137	27.864	ug/L	99
62) Bromoform	12.35	173	59397	24.583	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	221109	24.123	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	221761	24.092	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	201795	24.313	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	26193	30.491	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	170522	25.276	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	139786	25.727	ug/L	99
69) Naphthalene	15.36	128	306105	27.976	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	126723	25.183	ug/L	98

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

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