

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101119\
 Data File : VW013532.D
 Acq On : 11 Oct 2019 10:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Oct 11 22:30:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 07:46:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	461669	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408694	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140400	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.32%
7) Chloroethane-d5	2.89	69	105324	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
10) 1,1-Dichloroethene-d2	4.03	63	290338	26.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.88%
20) 2-Butanone-d5	7.07	46	80694	50.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.40%
24) Chloroform-d	7.65	84	266977	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	8.31	65	136625	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	593354	27.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.40%
33) 1,2-Dichloropropane-d6	9.27	67	170826	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.32	98	552309	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.32%
38) trans-1,3-Dichloropropene-	10.58	79	73872	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	63230	48.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132613	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	192916	26.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	62472	24.833	ug/L 96
3) Chloromethane	2.21	50	105092	23.776	ug/L 99
5) Vinyl chloride	2.36	62	158989	25.424	ug/L 100
6) Bromomethane	2.78	94	96772	25.264	ug/L 99
8) Chloroethane	2.92	64	89100	25.402	ug/L 98
9) Trichlorofluoromethane	3.26	101	80719	24.760	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	145803	25.200	ug/L 100
12) 1,1-Dichloroethene	4.04	96	148374	25.602	ug/L 94
13) Acetone	4.13	43	78908	43.137	ug/L 99
14) Carbon disulfide	4.39	76	444781	25.149	ug/L 99
15) Methyl Acetate	4.67	43	71276	24.979	ug/L 100
16) Methylene chloride	4.92	84	158391	22.651	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	235507	25.288	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	155446	25.136	ug/L 97
19) 1,1-Dichloroethane	6.22	63	265619	25.582	ug/L 100
21) 2-Butanone	7.17	43	98882	44.187	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	169423	25.615	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74399	25.121	ug/L	96
25) Chloroform	7.67	83	261776	25.557	ug/L	99
27) 1,2-Dichloroethane	8.40	62	165439	25.537	ug/L	100
30) Cyclohexane	7.96	56	268620	24.997	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	211095	25.644	ug/L	99
32) Carbon tetrachloride	8.07	117	200277	25.365	ug/L	99
34) Benzene	8.32	78	622259	25.202	ug/L	100
35) Trichloroethene	9.09	95	162288	25.199	ug/L	99
36) Methylcyclohexane	9.34	83	289238	24.696	ug/L	99
40) 1,2-Dichloropropane	9.37	63	149519	25.138	ug/L	99
41) Bromodichloromethane	9.65	83	186056	25.468	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	242383	25.402	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	191162	46.063	ug/L	98
44) Toluene	10.39	91	676357	25.277	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	191117	25.365	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	112219	24.854	ug/L	97
47) Tetrachloroethene	10.86	164	146208	24.909	ug/L	97
49) 2-Hexanone	10.97	43	142174	47.137	ug/L	99
50) Dibromochloromethane	11.13	129	135591	25.506	ug/L	98
51) 1,2-Dibromoethane	11.23	107	107967	24.343	ug/L	99
52) Chlorobenzene	11.66	112	426513	25.115	ug/L	99
53) Ethylbenzene	11.73	91	747124	25.225	ug/L	99
54) m,p-Xylene	11.84	106	291808	25.255	ug/L	97
55) o-xylene	12.16	106	270586	25.088	ug/L	100
56) Styrene	12.18	104	475897	25.909	ug/L	99
57) Isopropylbenzene	12.46	105	745753	25.489	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	131396	24.632	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	98209	24.656	ug/L	99
62) Bromoform	12.35	173	82859	25.065	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	340894	24.751	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	340068	24.805	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	307628	24.842	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	20210	23.640	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	253619	24.398	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	206367	23.952	ug/L	98
69) Naphthalene	15.36	128	376053	23.963	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	183021	23.855	ug/L	99

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

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