

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013847.D
 Acq On : 30 Oct 2019 19:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Oct 31 05:33:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	300537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68357	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.89	69	62716	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
10) 1,1-Dichloroethene-d2	4.03	63	170547	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.76%
20) 2-Butanone-d5	7.08	46	63486	48.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.28%
24) Chloroform-d	7.65	84	185790	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.30	65	95147	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.56%
29) Benzene-d6	8.27	84	353645	19.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.80%
33) 1,2-Dichloropropane-d6	9.27	67	115704	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.32	98	327894	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	10.58	79	46986	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.68%
39) 2-Hexanone-d5	10.92	63	51561	50.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104311	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	134413	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	80606	23.845 ug/L	93
3) Chloromethane	2.21	50	79768	21.799 ug/L	97
5) Vinyl chloride	2.37	62	130919	28.629 ug/L	99
6) Bromomethane	2.78	94	80368	24.323 ug/L	97
8) Chloroethane	2.93	64	76370	24.713 ug/L	98
9) Trichlorofluoromethane	3.25	101	59090	19.172 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	131671	27.130 ug/L	99
12) 1,1-Dichloroethene	4.04	96	130715	27.367 ug/L	97
13) Acetone	4.12	43	61882	42.277 ug/L	97
14) Carbon disulfide	4.38	76	369532	27.038 ug/L	99
15) Methyl Acetate	4.67	43	64181	26.835 ug/L	98
16) Methylene chloride	4.92	84	140679	24.445 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	167487	25.343 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	138106	26.157 ug/L	94
19) 1,1-Dichloroethane	6.21	63	240969	26.962 ug/L	99
21) 2-Butanone	7.17	43	93637	50.384 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	152302	26.873 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68031	26.558	ug/L	94
25) Chloroform	7.68	83	242266	26.986	ug/L	99
27) 1,2-Dichloroethane	8.40	62	157548	27.381	ug/L	99
30) Cyclohexane	7.95	56	232674	26.913	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	187916	27.301	ug/L	100
32) Carbon tetrachloride	8.07	117	182402	27.214	ug/L	100
34) Benzene	8.32	78	565220	26.694	ug/L	100
35) Trichloroethene	9.09	95	145405	26.765	ug/L	100
36) Methylcyclohexane	9.34	83	257045	26.844	ug/L	99
40) 1,2-Dichloropropane	9.37	63	140530	27.144	ug/L	99
41) Bromodichloromethane	9.65	83	177622	28.000	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	216285	26.460	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	188149	53.265	ug/L	100
44) Toluene	10.38	91	619347	27.225	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	177183	26.854	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	107227	26.854	ug/L	98
47) Tetrachloroethene	10.86	164	134447	27.036	ug/L	96
49) 2-Hexanone	10.97	43	135708	54.154	ug/L	99
50) Dibromochloromethane	11.13	129	129240	27.426	ug/L	95
51) 1,2-Dibromoethane	11.23	107	104758	26.980	ug/L	100
52) Chlorobenzene	11.66	112	395234	27.153	ug/L	99
53) Ethylbenzene	11.73	91	692363	27.545	ug/L	100
54) m,p-Xylene	11.84	106	269774	27.774	ug/L	93
55) o-xylene	12.16	106	254778	27.640	ug/L	98
56) Styrene	12.18	104	443382	28.119	ug/L	100
57) Isopropylbenzene	12.46	105	686222	27.755	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	131170	28.028	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	95802	27.451	ug/L	98
62) Bromoform	12.35	173	82375	26.177	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	331958	26.643	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	330840	26.425	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	301114	26.674	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	20653	26.617	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	254436	27.470	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	216503	27.533	ug/L	99
69) Naphthalene	15.36	128	397196	27.876	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	201388	28.598	ug/L	99

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

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