

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012932.D
 Acq On : 12 Sep 2019 13:23
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV06

Quant Time: Sep 12 18:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 12 13:49:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	406190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112494	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.16%
7) Chloroethane-d5	2.89	69	90158	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
10) 1,1-Dichloroethene-d2	4.01	63	263887	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.04%
20) 2-Butanone-d5	7.08	46	77531	50.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.52%
24) Chloroform-d	7.65	84	262155	25.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	8.30	65	134972	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.40%
29) Benzene-d6	8.27	84	479122	26.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.00%
33) 1,2-Dichloropropane-d6	9.27	67	155645	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	10.32	98	457842	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.36%
38) trans-1,3-Dichloropropene-	10.58	79	68053	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.52%
39) 2-Hexanone-d5	10.92	63	58665	51.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112941	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	172819	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	106542	33.978 ug/L	98
3) Chloromethane	2.21	50	122400	28.610 ug/L	99
5) Vinyl chloride	2.36	62	159310	28.836 ug/L	97
6) Bromomethane	2.78	94	91442	27.712 ug/L	100
8) Chloroethane	2.92	64	94095	28.246 ug/L	98
9) Trichlorofluoromethane	3.26	101	91458	27.614 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	135602	27.958 ug/L	98
12) 1,1-Dichloroethene	4.04	96	132289	27.311 ug/L	90
13) Acetone	4.12	43	74215	56.378 ug/L	98
14) Carbon disulfide	4.38	76	409091	28.249 ug/L	97
15) Methyl Acetate	4.67	43	61500	25.015 ug/L	99
16) Methylene chloride	4.91	84	139706	25.192 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	215798	25.607 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	141314	27.202 ug/L	99
19) 1,1-Dichloroethane	6.21	63	263643	26.784 ug/L	96
21) 2-Butanone	7.17	43	94006	54.206 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	150935	27.389 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	61986	25.962	ug/L	97
25) Chloroform	7.67	83	257588	25.988	ug/L	99
27) 1,2-Dichloroethane	8.40	62	174166	26.001	ug/L	100
30) Cyclohexane	7.95	56	265207	27.813	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	215720	26.454	ug/L	98
32) Carbon tetrachloride	8.06	117	207396	27.238	ug/L	99
34) Benzene	8.32	78	574097	26.686	ug/L	100
35) Trichloroethene	9.09	95	150693	26.542	ug/L	99
36) Methylcyclohexane	9.34	83	271707	27.674	ug/L	99
40) 1,2-Dichloropropane	9.37	63	142037	26.247	ug/L	100
41) Bromodichloromethane	9.64	83	181758	26.366	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	229572	27.002	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	177156	51.461	ug/L	99
44) Toluene	10.38	91	617091	26.807	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	183485	26.625	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	93855	25.791	ug/L	98
47) Tetrachloroethene	10.86	164	130238	26.639	ug/L	98
49) 2-Hexanone	10.97	43	130735	51.376	ug/L	98
50) Dibromochloromethane	11.13	129	117180	26.440	ug/L	97
51) 1,2-Dibromoethane	11.23	107	90649	25.897	ug/L	92
52) Chlorobenzene	11.66	112	378075	26.287	ug/L	98
53) Ethylbenzene	11.73	91	704723	26.974	ug/L	99
54) m,p-Xylene	11.83	106	263577	26.984	ug/L	99
55) o-xylene	12.16	106	243601	26.510	ug/L	95
56) Styrene	12.18	104	409467	26.188	ug/L	97
57) Isopropylbenzene	12.46	105	691027	27.385	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	108321	26.171	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	79197	24.830	ug/L	99
62) Bromoform	12.35	173	66843	26.512	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	302961	27.110	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	299030	26.823	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	266121	26.555	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17841	25.688	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	236395	27.500	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	188991	27.734	ug/L	98
69) Naphthalene	15.36	128	308259	27.932	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	162195	26.976	ug/L	98

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

