

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010913.D
 Acq On : 22 Jun 2019 01:08
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

Quant Time: Jun 22 06:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 06:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354920	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92282	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.88	69	75737	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.02	63	221207	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.40%
20) 2-Butanone-d5	7.07	46	101738	41.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.96%
24) Chloroform-d	7.64	84	214921	21.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	8.30	65	139265	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.27	84	425326	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	9.27	67	145651	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.60%
37) Toluene-d8	10.32	98	385593	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.58	79	61225	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.92	63	66043	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124220	21.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	134909	21.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	122116	26.332	ug/L 91
3) Chloromethane	2.21	50	130364	24.312	ug/L 99
5) Vinyl chloride	2.36	62	143308	26.278	ug/L 96
6) Bromomethane	2.77	94	77406	25.944	ug/L 98
8) Chloroethane	2.92	64	79566	25.445	ug/L 98
9) Trichlorofluoromethane	3.25	101	43843	26.926	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	112566	25.579	ug/L 97
12) 1,1-Dichloroethene	4.04	96	111544	25.517	ug/L 89
13) Acetone	4.11	43	86924	47.527	ug/L 99
14) Carbon disulfide	4.39	76	327600	26.409	ug/L 99
15) Methyl Acetate	4.66	43	97606	26.006	ug/L 98
16) Methylene chloride	4.91	84	134315	24.839	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	201299	26.474	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	120020	25.465	ug/L 96
19) 1,1-Dichloroethane	6.21	63	250800	26.099	ug/L 99
21) 2-Butanone	7.17	43	136681	48.948	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	134776	25.870	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	58870	26.002	ug/L	93
25) Chloroform	7.67	83	236567	26.097	ug/L	99
27) 1,2-Dichloroethane	8.40	62	194802	26.599	ug/L	99
30) Cyclohexane	7.95	56	237879	25.203	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	161397	26.165	ug/L	100
32) Carbon tetrachloride	8.06	117	147807	25.941	ug/L	100
34) Benzene	8.32	78	528564	26.079	ug/L	100
35) Trichloroethene	9.09	95	130294	25.953	ug/L	99
36) Methylcyclohexane	9.33	83	222919	25.365	ug/L	99
40) 1,2-Dichloropropane	9.37	63	149712	26.410	ug/L	100
41) Bromodichloromethane	9.64	83	174313	26.733	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	222634	26.749	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	286032	52.333	ug/L	99
44) Toluene	10.38	91	549633	26.120	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	184614	26.447	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	105077	26.495	ug/L	97
47) Tetrachloroethene	10.86	164	94178	25.468	ug/L	99
49) 2-Hexanone	10.97	43	200543	52.124	ug/L	100
50) Dibromochloromethane	11.13	129	113789	26.948	ug/L	98
51) 1,2-Dibromoethane	11.23	107	101703	26.039	ug/L	98
52) Chlorobenzene	11.66	112	336622	25.945	ug/L	100
53) Ethylbenzene	11.73	91	610215	25.877	ug/L	100
54) m,p-Xylene	11.84	106	223243	26.018	ug/L	99
55) o-xylene	12.16	106	217402	25.782	ug/L	98
56) Styrene	12.18	104	385833	26.645	ug/L	98
57) Isopropylbenzene	12.46	105	574217	26.027	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	137172	26.074	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	108600	25.990	ug/L	99
62) Bromoform	12.35	173	64751	26.603	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	255295	25.607	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	258666	25.417	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	241283	25.610	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24352	25.221	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	188206	24.936	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	163555	24.926	ug/L	99
69) Naphthalene	15.37	128	385128	26.133	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	156267	25.623	ug/L	99

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

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