

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010926.D
 Acq On : 24 Jun 2019 10:59
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

Quant Time: Jun 25 02:20:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 11:05:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396886	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123011	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.88	69	96277	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.02	63	294533	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.88%
20) 2-Butanone-d5	7.07	46	123857	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
24) Chloroform-d	7.64	84	260158	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.30	65	163747	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	530548	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	176139	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	476762	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	78698	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	80173	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149161	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	165846	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	150703	27.013	ug/L 96
3) Chloromethane	2.21	50	149208	25.155	ug/L 99
5) Vinyl chloride	2.36	62	177877	25.082	ug/L 99
6) Bromomethane	2.77	94	87781	25.077	ug/L 99
8) Chloroethane	2.92	64	96664	25.736	ug/L 100
9) Trichlorofluoromethane	3.25	101	57233	23.897	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	137848	24.766	ug/L 100
12) 1,1-Dichloroethene	4.04	96	136120	24.502	ug/L 98
13) Acetone	4.12	43	109584	47.367	ug/L 97
14) Carbon disulfide	4.39	76	416642	25.330	ug/L 100
15) Methyl Acetate	4.67	43	107791	26.916	ug/L 99
16) Methylene chloride	4.91	84	145167	24.697	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	225241	25.895	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	139299	24.936	ug/L 100
19) 1,1-Dichloroethane	6.21	63	285538	25.026	ug/L 99
21) 2-Butanone	7.17	43	156749	51.519	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	153324	25.509	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64009	25.039	ug/L	97
25) Chloroform	7.67	83	262167	25.043	ug/L	99
27) 1,2-Dichloroethane	8.40	62	209332	25.519	ug/L	100
30) Cyclohexane	7.95	56	299233	25.114	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	195523	24.951	ug/L	99
32) Carbon tetrachloride	8.07	117	188041	25.404	ug/L	100
34) Benzene	8.32	78	599526	25.320	ug/L	100
35) Trichloroethene	9.09	95	150196	25.014	ug/L	99
36) Methylcyclohexane	9.33	83	275646	25.011	ug/L	100
40) 1,2-Dichloropropane	9.37	63	165546	25.402	ug/L	99
41) Bromodichloromethane	9.64	83	195797	25.601	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	256053	25.541	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	314610	52.021	ug/L	100
44) Toluene	10.38	91	626642	25.310	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	215454	25.998	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	113797	25.479	ug/L	98
47) Tetrachloroethene	10.86	164	113064	24.829	ug/L	96
49) 2-Hexanone	10.97	43	228516	53.111	ug/L	99
50) Dibromochloromethane	11.13	129	125691	25.558	ug/L	96
51) 1,2-Dibromoethane	11.23	107	111992	25.929	ug/L	99
52) Chlorobenzene	11.66	112	375001	25.170	ug/L	99
53) Ethylbenzene	11.73	91	701083	25.134	ug/L	99
54) m,p-Xylene	11.84	106	257614	25.451	ug/L	99
55) o-xylene	12.16	106	249871	25.726	ug/L	100
56) Styrene	12.18	104	426798	25.482	ug/L	99
57) Isopropylbenzene	12.46	105	672915	25.537	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	152331	26.085	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	117768	25.973	ug/L	100
62) Bromoform	12.35	173	73709	25.921	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	291270	25.183	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	294641	25.360	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	270268	25.265	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	28201	25.764	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	226561	25.736	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	197439	26.463	ug/L	100
69) Naphthalene	15.37	128	440997	27.698	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	180172	26.585	ug/L	99

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

