

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013960.D
 Acq On : 11 Nov 2019 13:24
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Quant Time: Nov 12 06:00:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 13:59:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	144545	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.04%
7) Chloroethane-d5	2.89	69	116748	26.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.64%
10) 1,1-Dichloroethene-d2	4.02	63	285696	26.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.04%
20) 2-Butanone-d5	7.07	46	80775	51.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.92%
24) Chloroform-d	7.65	84	271792	26.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	8.30	65	137119	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	586194	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	171665	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
37) Toluene-d8	10.32	98	556512	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.48%
38) trans-1,3-Dichloropropene-	10.57	79	76599	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.68%
39) 2-Hexanone-d5	10.92	63	69214	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131678	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	198294	26.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	98082	24.588	ug/L	99
3) Chloromethane	2.21	50	80329	22.672	ug/L	98
5) Vinyl chloride	2.37	62	137443	24.844	ug/L	97
6) Bromomethane	2.78	94	83690	24.434	ug/L	99
8) Chloroethane	2.92	64	83352	25.329	ug/L	95
9) Trichlorofluoromethane	3.26	101	91920	24.366	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	140801	25.277	ug/L	99
12) 1,1-Dichloroethene	4.04	96	141127	24.924	ug/L	90
13) Acetone	4.12	43	66400	41.972	ug/L	98
14) Carbon disulfide	4.38	76	414882	25.744	ug/L	99
15) Methyl Acetate	4.67	43	66378	25.933	ug/L	99
16) Methylene chloride	4.92	84	147712	22.875	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	184647	25.277	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	148132	25.088	ug/L	97
19) 1,1-Dichloroethane	6.21	63	250901	25.227	ug/L	99
21) 2-Butanone	7.16	43	94941	46.712	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	159897	25.734	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	70746	25.938	ug/L	97
25) Chloroform	7.67	83	244763	25.060	ug/L	99
27) 1,2-Dichloroethane	8.40	62	153373	25.937	ug/L	98
30) Cyclohexane	7.95	56	255657	25.227	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	196130	24.714	ug/L	99
32) Carbon tetrachloride	8.07	117	192252	25.236	ug/L	100
34) Benzene	8.32	78	586666	25.257	ug/L	100
35) Trichloroethene	9.09	95	153594	24.789	ug/L	100
36) Methylcyclohexane	9.33	83	281036	25.297	ug/L	100
40) 1,2-Dichloropropane	9.37	63	141130	25.240	ug/L	99
41) Bromodichloromethane	9.64	83	175980	26.033	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	231279	26.210	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	187056	50.667	ug/L	99
44) Toluene	10.38	91	635562	25.096	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	181519	26.013	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	105996	25.799	ug/L	95
47) Tetrachloroethene	10.86	164	139872	25.326	ug/L	98
49) 2-Hexanone	10.96	43	135281	50.826	ug/L	97
50) Dibromochloromethane	11.13	129	126643	26.225	ug/L	98
51) 1,2-Dibromoethane	11.23	107	102533	25.722	ug/L	100
52) Chlorobenzene	11.65	112	403158	25.393	ug/L	96
53) Ethylbenzene	11.73	91	709085	25.516	ug/L	100
54) m,p-Xylene	11.83	106	272199	25.204	ug/L	95
55) o-xylene	12.16	106	259449	25.654	ug/L	97
56) Styrene	12.18	104	447473	26.192	ug/L	100
57) Isopropylbenzene	12.46	105	712150	25.611	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	125564	26.177	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	91176	25.274	ug/L	99
62) Bromoform	12.35	173	79637	25.928	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	332494	25.266	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	330363	25.408	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	298905	25.650	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	19748	24.883	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	262856	26.209	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	214764	27.234	ug/L	100
69) Naphthalene	15.36	128	385190	27.494	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	191144	27.465	ug/L	100

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

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