

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110719\
 Data File : VW013934.D
 Acq On : 07 Nov 2019 16:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Nov 08 00:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 00:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	184179	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92302	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.89	69	81227	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.84%
10) 1,1-Dichloroethene-d2	4.03	63	209825	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.92%
20) 2-Butanone-d5	7.07	46	68560	38.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.62%
24) Chloroform-d	7.65	84	222457	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.30	65	112808	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	8.27	84	437771	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	9.27	67	135763	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
37) Toluene-d8	10.32	98	409666	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.36%
38) trans-1,3-Dichloropropene-	10.57	79	60237	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.92	63	58058	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117821	21.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	160497	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	77542	22.864 ug/L	97
3) Chloromethane	2.21	50	82376	21.179 ug/L	100
5) Vinyl chloride	2.37	62	139842	25.173 ug/L	98
6) Bromomethane	2.78	94	86265	24.687 ug/L	99
8) Chloroethane	2.93	64	80787	25.617 ug/L	93
9) Trichlorofluoromethane	3.26	101	76628	27.078 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	140270	25.828 ug/L	98
12) 1,1-Dichloroethene	4.04	96	139612	25.639 ug/L	86
13) Acetone	4.12	43	64713	37.610 ug/L	98
14) Carbon disulfide	4.38	76	401411	25.792 ug/L	99
15) Methyl Acetate	4.67	43	64965	21.805 ug/L	100
16) Methylene chloride	4.92	84	141753	24.028 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	172188	24.996 ug/L #	87
18) trans-1,2-Dichloroethene	5.42	96	145091	25.566 ug/L	94
19) 1,1-Dichloroethane	6.21	63	244947	25.422 ug/L	99
21) 2-Butanone	7.16	43	91692	38.823 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	155045	25.979 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69467	24.755	ug/L	97
25) Chloroform	7.67	83	248397	25.641	ug/L	98
27) 1,2-Dichloroethane	8.40	62	156664	24.451	ug/L	99
30) Cyclohexane	7.95	56	242417	26.899	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	197885	27.058	ug/L	99
32) Carbon tetrachloride	8.07	117	193928	27.117	ug/L	100
34) Benzene	8.32	78	577569	26.638	ug/L	100
35) Trichloroethene	9.09	95	150588	26.348	ug/L	98
36) Methylcyclohexane	9.34	83	268562	26.771	ug/L	99
40) 1,2-Dichloropropane	9.37	63	140419	26.386	ug/L	100
41) Bromodichloromethane	9.64	83	176621	26.401	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	222848	26.572	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	183866	44.925	ug/L	100
44) Toluene	10.38	91	632155	27.133	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	180523	26.050	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	106108	24.970	ug/L	99
47) Tetrachloroethene	10.86	164	140206	26.645	ug/L	98
49) 2-Hexanone	10.97	43	130133	43.282	ug/L	97
50) Dibromochloromethane	11.13	129	128396	26.028	ug/L	97
51) 1,2-Dibromoethane	11.23	107	102833	24.479	ug/L	98
52) Chlorobenzene	11.66	112	398883	26.547	ug/L	100
53) Ethylbenzene	11.73	91	696478	26.855	ug/L	99
54) m,p-Xylene	11.83	106	272488	27.263	ug/L	97
55) o-xylene	12.16	106	256188	27.117	ug/L	99
56) Styrene	12.18	104	445440	27.323	ug/L	96
57) Isopropylbenzene	12.46	105	695709	27.310	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	124921	23.342	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	92653	23.059	ug/L	100
62) Bromoform	12.35	173	79248	23.666	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	328113	25.725	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	327051	25.580	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	294681	25.551	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	19394	20.992	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	262461	27.321	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	205040	26.364	ug/L	98
69) Naphthalene	15.36	128	359194	24.344	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	183892	25.659	ug/L	98

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

