

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012933.D
 Acq On : 12 Sep 2019 13:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Sep 13 01:37:17 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	407776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	181685	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104672	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
7) Chloroethane-d5	2.89	69	87323	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
10) 1,1-Dichloroethene-d2	4.02	63	250895	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.32%
20) 2-Butanone-d5	7.07	46	77039	50.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.48%
24) Chloroform-d	7.65	84	256549	24.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	8.31	65	134667	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	8.27	84	457213	24.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.60%
33) 1,2-Dichloropropane-d6	9.27	67	149130	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	442388	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.58	79	67250	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.72%
39) 2-Hexanone-d5	10.92	63	56209	48.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114692	24.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	173519	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	84022	26.692 ug/L	96
3) Chloromethane	2.21	50	116162	27.047 ug/L	97
5) Vinyl chloride	2.36	62	147540	26.602 ug/L	97
6) Bromomethane	2.78	94	87119	26.299 ug/L	100
8) Chloroethane	2.92	64	88303	26.404 ug/L	98
9) Trichlorofluoromethane	3.26	101	83162	25.011 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	125749	25.826 ug/L	99
12) 1,1-Dichloroethene	4.04	96	124489	25.601 ug/L	95
13) Acetone	4.12	43	69846	52.852 ug/L	97
14) Carbon disulfide	4.39	76	389105	26.765 ug/L	100
15) Methyl Acetate	4.67	43	60217	24.398 ug/L	99
16) Methylene chloride	4.92	84	132971	23.884 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	210975	24.937 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	134299	25.751 ug/L	97
19) 1,1-Dichloroethane	6.21	63	251943	25.496 ug/L	99
21) 2-Butanone	7.17	43	91030	52.286 ug/L	76
22) cis-1,2-Dichloroethene	7.17	96	142636	25.782 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	58728	24.502	ug/L	97
25) Chloroform	7.67	83	248653	24.989	ug/L	99
27) 1,2-Dichloroethane	8.40	62	168491	25.056	ug/L	97
30) Cyclohexane	7.96	56	248774	25.680	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	206203	24.889	ug/L	99
32) Carbon tetrachloride	8.07	117	195326	25.249	ug/L	100
34) Benzene	8.32	78	547730	25.060	ug/L	100
35) Trichloroethene	9.09	95	142834	24.762	ug/L	99
36) Methylcyclohexane	9.34	83	254702	25.534	ug/L	98
40) 1,2-Dichloropropane	9.37	63	135608	24.665	ug/L	100
41) Bromodichloromethane	9.64	83	175567	25.067	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	221992	25.700	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	176031	50.330	ug/L	100
44) Toluene	10.38	91	593291	25.368	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	176892	25.265	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	91503	24.749	ug/L	99
47) Tetrachloroethene	10.86	164	122768	24.717	ug/L	98
49) 2-Hexanone	10.97	43	135411	52.377	ug/L	99
50) Dibromochloromethane	11.13	129	114228	25.368	ug/L	96
51) 1,2-Dibromoethane	11.23	107	88880	24.992	ug/L #	97
52) Chlorobenzene	11.66	112	362666	24.819	ug/L	97
53) Ethylbenzene	11.73	91	675484	25.449	ug/L	99
54) m,p-Xylene	11.84	106	251452	25.338	ug/L	100
55) o-xylene	12.16	106	240045	25.712	ug/L	99
56) Styrene	12.18	104	404480	25.462	ug/L	99
57) Isopropylbenzene	12.46	105	657529	25.648	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	105664	25.127	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	78534	24.235	ug/L	98
62) Bromoform	12.35	173	64963	25.019	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	293623	25.513	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	288161	25.099	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	259306	25.125	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	16821	23.518	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	229735	25.951	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	183908	26.206	ug/L	96
69) Naphthalene	15.36	128	313519	27.585	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	159654	25.784	ug/L	98

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

