

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041019\
 Data File : VW009903.D
 Acq On : 11 Apr 2019 02:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Apr 11 06:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	505542	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	490153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248055	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	163974	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
7) Chloroethane-d5	2.89	69	148890	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
10) 1,1-Dichloroethene-d2	4.02	63	398448	28.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.04%#
20) 2-Butanone-d5	7.07	46	137750	64.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.26%
24) Chloroform-d	7.65	84	406315	29.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	8.30	65	249211	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.72%
29) Benzene-d6	8.27	84	773583	30.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.24%
33) 1,2-Dichloropropane-d6	9.27	67	231985	29.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.76%
37) Toluene-d8	10.32	98	709610	29.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.32%
38) trans-1,3-Dichloropropene-	10.57	79	106882	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.80%
39) 2-Hexanone-d5	10.93	63	101359	67.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	223274	30.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	250129	28.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	142438	21.389 ug/L	87
3) Chloromethane	2.21	50	142484	20.704 ug/L	97
5) Vinyl chloride	2.37	62	181029	20.507 ug/L	92
6) Bromomethane	2.78	94	121209	19.843 ug/L	99
8) Chloroethane	2.93	64	122861	21.205 ug/L	99
9) Trichlorofluoromethane	3.26	101	100047	18.475 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	174873	24.826 ug/L #	84
12) 1,1-Dichloroethene	4.04	96	169454	25.237 ug/L	95
13) Acetone	4.12	43	106613	46.326 ug/L	99
14) Carbon disulfide	4.38	76	471969	22.613 ug/L	99
15) Methyl Acetate	4.67	43	122651	29.229 ug/L	99
16) Methylene chloride	4.91	84	199649	22.393 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	272919	29.505 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	182191	26.090 ug/L	96
19) 1,1-Dichloroethane	6.21	63	374785	27.967 ug/L	96
21) 2-Butanone	7.16	43	169670	57.968 ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	209160	28.005 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	96800	28.250	ug/L	94
25) Chloroform	7.67	83	387462	27.602	ug/L	98
27) 1,2-Dichloroethane	8.40	62	302169	28.461	ug/L	98
30) Cyclohexane	7.95	56	303716	26.253	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	295101	26.540	ug/L	99
32) Carbon tetrachloride	8.06	117	285299	25.592	ug/L	99
34) Benzene	8.32	78	814081	27.605	ug/L	100
35) Trichloroethene	9.09	95	204497	26.497	ug/L	99
36) Methylcyclohexane	9.34	83	331769	26.147	ug/L	99
40) 1,2-Dichloropropane	9.37	63	211607	28.031	ug/L	99
41) Bromodichloromethane	9.64	83	288243	27.672	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	322969	27.616	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	372833	63.581	ug/L	99
44) Toluene	10.38	91	868950	27.815	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	282798	28.047	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	162849	28.740	ug/L	96
47) Tetrachloroethene	10.86	164	157324	25.883	ug/L	99
49) 2-Hexanone	10.97	43	273965	62.746	ug/L	99
50) Dibromochloromethane	11.13	129	194447	27.932	ug/L	96
51) 1,2-Dibromoethane	11.23	107	159886	28.153	ug/L	99
52) Chlorobenzene	11.66	112	545846	27.145	ug/L	99
53) Ethylbenzene	11.73	91	986315	27.716	ug/L	100
54) m,p-Xylene	11.84	106	365251	27.750	ug/L	100
55) o-xylene	12.16	106	352102	28.088	ug/L	98
56) Styrene	12.18	104	623636	28.671	ug/L	98
57) Isopropylbenzene	12.46	105	975950	28.432	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	224339	29.443	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	168365	29.684	ug/L	100
62) Bromoform	12.35	173	117526	26.947	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	407857	26.580	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	433890	26.516	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	407883	27.785	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	41066	28.738	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	303664	26.672	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	248539	27.182	ug/L	100
69) Naphthalene	15.37	128	562226	30.594	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	245439	28.695	ug/L	99

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

