

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005806.D
 Acq On : 03 Oct 2018 10:20
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Quant Time: Oct 04 05:11:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	285472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	280031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	151034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	78811	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
7) Chloroethane-d5	2.90	69	66977	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.01	63	185876	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.56%
20) 2-Butanone-d5	7.09	46	53249	45.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.16%
24) Chloroform-d	7.65	84	194568	26.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	8.31	65	115352	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.27	84	357602	25.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.20%
33) 1,2-Dichloropropane-d6	9.28	67	105662	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.48%
37) Toluene-d8	10.33	98	339209	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.59	79	50098	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.93	63	43578	46.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	98209	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
61) 1,2-Dichlorobenzene-d4	13.87	152	137447	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	82301	24.586	ug/L 94
3) Chloromethane	2.22	50	67089	21.515	ug/L 98
5) Vinyl chloride	2.37	62	109212	24.290	ug/L 99
6) Bromomethane	2.79	94	64454	23.826	ug/L 99
8) Chloroethane	2.93	64	62427	24.972	ug/L 98
9) Trichlorofluoromethane	3.26	101	82195	23.926	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	99691	25.688	ug/L 98
12) 1,1-Dichloroethene	4.03	96	92200	24.875	ug/L 92
13) Acetone	4.14	43	48423	39.801	ug/L 70
14) Carbon disulfide	4.38	76	267098	22.983	ug/L 99
15) Methyl Acetate	4.68	43	46678	21.619	ug/L 96
16) Methylene chloride	4.92	84	112926	23.991	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	141554	24.002	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	94201	24.712	ug/L 98
19) 1,1-Dichloroethane	6.21	63	180034	25.523	ug/L 100
21) 2-Butanone	7.19	43	62531	42.917	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	104856	25.305	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	49057	25.509	ug/L	98
25) Chloroform	7.68	83	197433	26.160	ug/L	99
27) 1,2-Dichloroethane	8.40	62	141699	25.501	ug/L	99
30) Cyclohexane	7.96	56	156968	24.731	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	173676	25.326	ug/L	99
32) Carbon tetrachloride	8.07	117	169925	25.446	ug/L	99
34) Benzene	8.33	78	410241	25.927	ug/L	100
35) Trichloroethene	9.10	95	105275	24.870	ug/L	100
36) Methylcyclohexane	9.34	83	185626	25.218	ug/L	99
40) 1,2-Dichloropropane	9.37	63	102450	26.569	ug/L	99
41) Bromodichloromethane	9.65	83	141700	26.137	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	159218	25.003	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	133914	42.556	ug/L	100
44) Toluene	10.39	91	445364	25.188	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	147945	24.951	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	79532	24.717	ug/L	99
47) Tetrachloroethene	10.87	164	91542	24.546	ug/L	95
49) 2-Hexanone	10.98	43	97886	44.315	ug/L	98
50) Dibromochloromethane	11.13	129	101170	25.070	ug/L	94
51) 1,2-Dibromoethane	11.24	107	73354	23.580	ug/L	95
52) Chlorobenzene	11.66	112	295937	25.441	ug/L	100
53) Ethylbenzene	11.74	91	521718	25.770	ug/L	100
54) m,p-Xylene	11.85	106	196597	25.775	ug/L	97
55) o-xylene	12.17	106	188165	26.174	ug/L	99
56) Styrene	12.19	104	334680	26.528	ug/L	98
57) Isopropylbenzene	12.47	105	534011	26.006	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	99003	24.119	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	77602	23.290	ug/L	99
62) Bromoform	12.35	173	64638	24.067	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	243160	25.346	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	253627	25.315	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	235934	25.558	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	18381	20.942	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	200245	25.432	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	165574	25.599	ug/L	99
69) Naphthalene	15.38	128	304033	23.459	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	155670	25.680	ug/L	99

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

