

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092018\
 Data File : VW005539.D
 Acq On : 20 Sep 2018 18:02
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02581

Quant Time: Sep 21 01:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104382	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.92%
7) Chloroethane-d5	2.89	69	84203	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
10) 1,1-Dichloroethene-d2	4.01	63	225946	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.32%
20) 2-Butanone-d5	7.09	46	81078	48.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.46%
24) Chloroform-d	7.65	84	224531	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.31	65	141521	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.28%
29) Benzene-d6	8.28	84	432758	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.28	67	130434	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.33	98	409509	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.58	79	63386	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.36%
39) 2-Hexanone-d5	10.93	63	67569	53.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128771	26.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	157199	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	114962	25.816	ug/L	86
3) Chloromethane	2.21	50	96674	20.606	ug/L	99
5) Vinyl chloride	2.37	62	119407	26.272	ug/L	99
6) Bromomethane	2.79	94	69089	24.504	ug/L	98
8) Chloroethane	2.93	64	68754	24.841	ug/L	96
9) Trichlorofluoromethane	3.26	101	97365	24.705	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	105596	25.102	ug/L	94
12) 1,1-Dichloroethene	4.03	96	97677	24.680	ug/L	93
13) Acetone	4.14	43	62817	43.639	ug/L	97
14) Carbon disulfide	4.37	76	307638	23.941	ug/L	98
15) Methyl Acetate	4.68	43	67411	23.993	ug/L	98
16) Methylene chloride	4.91	84	109506	20.693	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	159566	25.065	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	103200	24.500	ug/L	98
19) 1,1-Dichloroethane	6.21	63	198730	24.732	ug/L	98
21) 2-Butanone	7.18	43	87236	44.210	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	113407	24.824	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	53391	26.283	ug/L	92
25) Chloroform	7.68	83	210348	25.933	ug/L	99
27) 1,2-Dichloroethane	8.40	62	161373	26.963	ug/L	99
30) Cyclohexane	7.96	56	186996	23.670	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	184929	26.744	ug/L	99
32) Carbon tetrachloride	8.07	117	179099	27.187	ug/L	100
34) Benzene	8.33	78	451301	24.700	ug/L	100
35) Trichloroethene	9.09	95	115782	24.500	ug/L	99
36) Methylcyclohexane	9.34	83	210579	24.858	ug/L	99
40) 1,2-Dichloropropane	9.37	63	115730	24.395	ug/L	99
41) Bromodichloromethane	9.65	83	152273	26.033	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	176765	25.342	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	193723	50.910	ug/L	99
44) Toluene	10.39	91	483447	25.588	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	166010	26.068	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	89852	25.550	ug/L	98
47) Tetrachloroethene	10.87	164	98581	25.584	ug/L	95
49) 2-Hexanone	10.98	43	143656	52.246	ug/L	99
50) Dibromochloromethane	11.13	129	111056	26.853	ug/L	96
51) 1,2-Dibromoethane	11.24	107	86545	26.019	ug/L	98
52) Chlorobenzene	11.66	112	310540	25.366	ug/L	97
53) Ethylbenzene	11.74	91	559621	25.503	ug/L	99
54) m,p-Xylene	11.85	106	211035	26.195	ug/L	99
55) o-xylene	12.17	106	198247	25.998	ug/L	100
56) Styrene	12.19	104	353237	26.927	ug/L	100
57) Isopropylbenzene	12.47	105	566961	26.562	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	122884	25.695	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	98363	25.787	ug/L	99
62) Bromoform	12.35	173	73196	26.292	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	249824	24.615	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	263207	25.256	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	246840	25.853	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	24988	25.228	ug/L	91
67) 1,3,5-Trichlorobenzene	14.64	180	205671	25.869	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	169737	26.029	ug/L	100
69) Naphthalene	15.38	128	366010	26.442	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	162288	26.354	ug/L	100

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

