

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
 Data File : VW011916.D
 Acq On : 14 Aug 2019 13:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Aug 16 05:39:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 05:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131453	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	2.89	69	94312	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.56%
10) 1,1-Dichloroethene-d2	4.02	63	297148	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.52%
20) 2-Butanone-d5	7.09	46	95266	42.65	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.30%
24) Chloroform-d	7.65	84	253304	26.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.72%
26) 1,2-Dichloroethane-d4	8.30	65	148654	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%
29) Benzene-d6	8.27	84	512051	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	9.27	67	163487	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.68%
37) Toluene-d8	10.32	98	452823	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloropropene-	10.58	79	70530	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.00%
39) 2-Hexanone-d5	10.93	63	66991	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123906	23.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	143023	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	95487	24.183	ug/L 99
3) Chloromethane	2.21	50	108183	21.064	ug/L 100
5) Vinyl chloride	2.36	62	144890	22.111	ug/L 98
6) Bromomethane	2.78	94	71350	23.096	ug/L 99
8) Chloroethane	2.92	64	76430	22.301	ug/L 96
9) Trichlorofluoromethane	3.25	101	78565	23.536	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	121466	24.002	ug/L 97
12) 1,1-Dichloroethene	4.04	96	118654	23.449	ug/L 92
13) Acetone	4.17	43	92919	38.839	ug/L 96
14) Carbon disulfide	4.38	76	353982	21.478	ug/L 99
15) Methyl Acetate	4.68	43	80964	20.698	ug/L 99
16) Methylene chloride	4.92	84	133019	24.194	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	202150	23.989	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	121409	23.223	ug/L 98
19) 1,1-Dichloroethane	6.21	63	253416	24.264	ug/L 100
21) 2-Butanone	7.18	43	116519	38.845	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	130300	23.823	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54136	23.262	ug/L	96
25) Chloroform	7.67	83	235906	24.507	ug/L	99
27) 1,2-Dichloroethane	8.40	62	173468	24.343	ug/L	100
30) Cyclohexane	7.95	56	256231	23.948	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	184362	24.582	ug/L	99
32) Carbon tetrachloride	8.07	117	171299	24.278	ug/L	99
34) Benzene	8.32	78	525729	24.373	ug/L	100
35) Trichloroethene	9.09	95	131524	24.019	ug/L	99
36) Methylcyclohexane	9.34	83	237484	23.906	ug/L	99
40) 1,2-Dichloropropane	9.37	63	142659	24.777	ug/L	100
41) Bromodichloromethane	9.65	83	164393	24.196	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	215014	24.967	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	228612	43.823	ug/L	100
44) Toluene	10.39	91	537825	24.542	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	175669	24.517	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	92848	23.653	ug/L	98
47) Tetrachloroethene	10.86	164	98135	23.463	ug/L	94
49) 2-Hexanone	10.97	43	172896	43.018	ug/L	99
50) Dibromochloromethane	11.13	129	105120	24.295	ug/L	96
51) 1,2-Dibromoethane	11.23	107	88254	23.104	ug/L	97
52) Chlorobenzene	11.66	112	317452	24.010	ug/L	99
53) Ethylbenzene	11.73	91	608327	24.892	ug/L	98
54) m,p-Xylene	11.84	106	218953	24.639	ug/L	100
55) o-xylene	12.16	106	207002	24.751	ug/L	100
56) Styrene	12.18	104	356854	25.098	ug/L	98
57) Isopropylbenzene	12.46	105	574767	24.981	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	118454	22.707	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	90605	22.519	ug/L	99
62) Bromoform	12.35	173	59883	22.079	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	245938	23.903	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	244288	23.643	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	221543	23.779	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19937	20.676	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	183413	24.219	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	151414	24.826	ug/L	100
69) Naphthalene	15.37	128	293221	23.874	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	138034	24.437	ug/L	99

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

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