

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030419\
 Data File : VW008967.D
 Acq On : 04 Mar 2019 15:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Mar 05 05:40:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 05:37:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423285	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229631	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	159045	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.88	69	151945	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.12%
10) 1,1-Dichloroethene-d2	4.02	63	266824	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.72%
20) 2-Butanone-d5	7.08	46	91959	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
24) Chloroform-d	7.65	84	257515	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	8.31	65	162313	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.88%
29) Benzene-d6	8.27	84	558485	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.27	67	162601	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.24%
37) Toluene-d8	10.32	98	578341	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	10.58	79	78018	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.60%
39) 2-Hexanone-d5	10.93	63	82197	50.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155762	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	232196	28.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	202941	25.281	ug/L	95
3) Chloromethane	2.21	50	197046	23.747	ug/L	93
5) Vinyl chloride	2.35	62	201438	23.679	ug/L	98
6) Bromomethane	2.77	94	131860	23.376	ug/L	100
8) Chloroethane	2.92	64	135857	23.851	ug/L	97
9) Trichlorofluoromethane	3.26	101	243397	23.926	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	143372	23.863	ug/L	98
12) 1,1-Dichloroethene	4.04	96	122850	23.569	ug/L	94
13) Acetone	4.13	43	81255	44.183	ug/L	96
14) Carbon disulfide	4.38	76	450769	25.026	ug/L	99
15) Methyl Acetate	4.67	43	71637	19.530	ug/L	95
16) Methylene chloride	4.92	84	168712	24.968	ug/L	88
17) Methyl tert-butyl Ether	5.43	73	323615	22.077	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	136747	23.829	ug/L	95
19) 1,1-Dichloroethane	6.22	63	238441	24.471	ug/L	98
21) 2-Butanone	7.17	43	101051	39.269	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	144049	23.404	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.51	128	66935	23.768	ug/L #	89
25) Chloroform	7.68	83	275585	26.868	ug/L	99
27) 1,2-Dichloroethane	8.40	62	178960	23.991	ug/L #	93
30) Cyclohexane	7.95	56	234475	23.534	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	235503	24.100	ug/L	97
32) Carbon tetrachloride	8.07	117	214766	24.048	ug/L	98
34) Benzene	8.32	78	566618	24.675	ug/L	100
35) Trichloroethene	9.09	95	147991	23.877	ug/L	96
36) Methylcyclohexane	9.34	83	260413	23.678	ug/L	96
40) 1,2-Dichloropropane	9.37	63	139194	24.538	ug/L	99
41) Bromodichloromethane	9.65	83	187054	24.252	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	221588	24.082	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	212297	41.442	ug/L	96
44) Toluene	10.39	91	665118	25.195	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	197202	24.001	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	106645	22.486	ug/L	98
47) Tetrachloroethene	10.86	164	140088	24.827	ug/L	93
49) 2-Hexanone	10.97	43	172845	43.015	ug/L #	90
50) Dibromochloromethane	11.13	129	135683	23.599	ug/L	98
51) 1,2-Dibromoethane	11.24	107	104294	21.740	ug/L	95
52) Chlorobenzene	11.66	112	435343	24.502	ug/L	96
53) Ethylbenzene	11.73	91	767332	25.016	ug/L	100
54) m,p-Xylene	11.84	106	304166	25.217	ug/L	91
55) o-xylene	12.16	106	285331	24.590	ug/L	97
56) Styrene	12.18	104	483289	24.834	ug/L	95
57) Isopropylbenzene	12.47	105	761156	24.590	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	140846	22.136	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	101712	21.620	ug/L	99
62) Bromoform	12.35	173	82417	23.182	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	368117	24.561	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	372295	24.451	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	347931	25.063	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	26826	21.763	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	281415	23.848	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	235030	23.123	ug/L	96
69) Naphthalene	15.37	128	425035	20.312	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	215386	23.060	ug/L	97

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

