

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
 Data File : VW011908.D
 Acq On : 14 Aug 2019 09:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Aug 16 05:32:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 15:59:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343548	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132269	27.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.36%
7) Chloroethane-d5	2.89	69	97456	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.88%
10) 1,1-Dichloroethene-d2	4.02	63	304144	27.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.68%
20) 2-Butanone-d5	7.08	46	88043	40.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.84%
24) Chloroform-d	7.65	84	249400	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.31	65	144003	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.27	84	501634	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	9.27	67	160637	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	10.32	98	445549	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
38) trans-1,3-Dichloropropene-	10.58	79	68373	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.04%
39) 2-Hexanone-d5	10.93	63	60542	42.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115448	22.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	140118	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	103360	26.845	ug/L	100
3) Chloromethane	2.21	50	127184	25.395	ug/L	100
5) Vinyl chloride	2.36	62	166307	26.027	ug/L	100
6) Bromomethane	2.78	94	79596	26.423	ug/L	98
8) Chloroethane	2.92	64	90059	26.949	ug/L	99
9) Trichlorofluoromethane	3.26	101	90562	27.823	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	136635	27.688	ug/L	96
12) 1,1-Dichloroethene	4.04	96	133013	26.957	ug/L	93
13) Acetone	4.12	43	101411	43.470	ug/L	98
14) Carbon disulfide	4.38	76	405207	25.214	ug/L	99
15) Methyl Acetate	4.67	43	86072	22.566	ug/L	99
16) Methylene chloride	4.92	84	141000	26.300	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	221668	26.977	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	137974	27.065	ug/L	98
19) 1,1-Dichloroethane	6.21	63	286495	28.132	ug/L	99
21) 2-Butanone	7.17	43	126100	43.112	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	146743	27.514	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	61382	27.049	ug/L	98
25) Chloroform	7.68	83	262268	27.941	ug/L	100
27) 1,2-Dichloroethane	8.40	62	190612	27.431	ug/L	99
30) Cyclohexane	7.95	56	286750	27.654	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	209779	28.861	ug/L	98
32) Carbon tetrachloride	8.07	117	195711	28.621	ug/L	99
34) Benzene	8.32	78	588687	28.161	ug/L	100
35) Trichloroethene	9.09	95	148233	27.932	ug/L	99
36) Methylcyclohexane	9.34	83	266760	27.708	ug/L	100
40) 1,2-Dichloropropane	9.37	63	158677	28.437	ug/L	100
41) Bromodichloromethane	9.65	83	189839	28.831	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	237902	28.504	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	242900	48.044	ug/L	100
44) Toluene	10.38	91	606109	28.539	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	193749	27.901	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	102061	26.827	ug/L	97
47) Tetrachloroethene	10.86	164	110998	27.383	ug/L	95
49) 2-Hexanone	10.97	43	184739	47.428	ug/L	99
50) Dibromochloromethane	11.13	129	117412	28.000	ug/L	97
51) 1,2-Dibromoethane	11.23	107	96178	25.980	ug/L	97
52) Chlorobenzene	11.66	112	359935	28.090	ug/L	99
53) Ethylbenzene	11.73	91	679324	28.682	ug/L	99
54) m,p-Xylene	11.84	106	247052	28.686	ug/L	97
55) o-xylene	12.16	106	233619	28.823	ug/L	98
56) Styrene	12.18	104	399932	29.023	ug/L	99
57) Isopropylbenzene	12.46	105	641986	28.791	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	128279	25.373	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	96305	24.698	ug/L	99
62) Bromoform	12.35	173	65462	25.361	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	271590	27.735	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	269506	27.407	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	245653	27.704	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21431	23.352	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	199719	27.710	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	165579	28.526	ug/L	98
69) Naphthalene	15.37	128	303961	26.004	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	148325	27.591	ug/L	99

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

