

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
 Data File : VW011184.D
 Acq On : 10 Jul 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 :
 VSTD02517

Quant Time: Jul 11 05:37:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 23:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371930	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161463	28.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.72%
7) Chloroethane-d5	2.89	69	113498	28.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.96%
10) 1,1-Dichloroethene-d2	4.02	63	326991	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.76%
20) 2-Butanone-d5	7.07	46	110467	49.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.76%
24) Chloroform-d	7.64	84	284405	27.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	8.30	65	169116	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.76%
29) Benzene-d6	8.27	84	577439	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.27	67	188380	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	10.32	98	517589	28.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.76%
38) trans-1,3-Dichloropropene-	10.57	79	79031	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.80%
39) 2-Hexanone-d5	10.92	63	78625	51.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147507	26.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	168816	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	129029	28.207 ug/L	99
3) Chloromethane	2.21	50	117521	23.664 ug/L	99
5) Vinyl chloride	2.36	62	162632	25.090 ug/L	100
6) Bromomethane	2.78	94	76177	25.120 ug/L	99
8) Chloroethane	2.92	64	84154	25.686 ug/L	99
9) Trichlorofluoromethane	3.25	101	60669	27.336 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	129121	26.111 ug/L	98
12) 1,1-Dichloroethene	4.04	96	123815	25.332 ug/L	92
13) Acetone	4.12	43	93891	42.968 ug/L	100
14) Carbon disulfide	4.38	76	357949	25.601 ug/L	100
15) Methyl Acetate	4.67	43	79536	22.369 ug/L #	81
16) Methylene chloride	4.91	84	129041	23.610 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	187957	24.797 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	123415	24.988 ug/L	98
19) 1,1-Dichloroethane	6.21	63	253896	25.322 ug/L	97
21) 2-Butanone	7.17	43	121390	43.033 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	133219	24.918 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	55014	24.524	ug/L	97
25) Chloroform	7.67	83	238937	25.158	ug/L	99
27) 1,2-Dichloroethane	8.40	62	174370	24.018	ug/L	100
30) Cyclohexane	7.95	56	256286	25.428	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	179984	26.160	ug/L	100
32) Carbon tetrachloride	8.06	117	168521	26.117	ug/L	99
34) Benzene	8.32	78	529442	25.555	ug/L	100
35) Trichloroethene	9.09	95	132090	25.265	ug/L	99
36) Methylcyclohexane	9.33	83	241136	25.629	ug/L	99
40) 1,2-Dichloropropane	9.37	63	143686	25.309	ug/L	99
41) Bromodichloromethane	9.64	83	170461	26.043	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219223	26.171	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	239961	45.596	ug/L	99
44) Toluene	10.38	91	551598	25.722	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	179367	25.879	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96231	24.477	ug/L	99
47) Tetrachloroethene	10.86	164	100055	25.322	ug/L	98
49) 2-Hexanone	10.97	43	182803	47.720	ug/L	99
50) Dibromochloromethane	11.13	129	108456	25.906	ug/L	99
51) 1,2-Dibromoethane	11.23	107	91599	24.129	ug/L	97
52) Chlorobenzene	11.66	112	329395	25.142	ug/L	99
53) Ethylbenzene	11.73	91	619990	25.489	ug/L	98
54) m,p-Xylene	11.83	106	225998	25.590	ug/L	95
55) o-xylene	12.16	106	215936	25.703	ug/L	99
56) Styrene	12.18	104	373303	25.902	ug/L	98
57) Isopropylbenzene	12.46	105	596519	26.011	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	125312	23.959	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	94084	23.424	ug/L	99
62) Bromoform	12.35	173	59844	24.622	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	253638	25.279	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	256701	24.992	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	233486	25.000	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	20976	22.876	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	196053	25.789	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	162589	25.529	ug/L	99
69) Naphthalene	15.37	128	326073	24.447	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	146380	25.120	ug/L	99

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

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