

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014643.D
 Acq On : 14 Jan 2020 20:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Jan 15 01:52:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1113007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	998598	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	490277	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	344170	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	292962	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	4.03	63	690190	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.20%
20) 2-Butanone-d5	7.07	46	212348	56.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.76%
24) Chloroform-d	7.65	84	685277	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	8.31	65	349532	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	1442956	27.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.68%
33) 1,2-Dichloropropane-d6	9.27	67	443172	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.04%
37) Toluene-d8	10.32	98	1326673	27.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.24%
38) trans-1,3-Dichloropropene-	10.57	79	179120	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.64%
39) 2-Hexanone-d5	10.92	63	174351	63.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	345693	28.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	462963	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	221548	22.251	ug/L	98
3) Chloromethane	2.21	50	222541	19.770	ug/L	97
5) Vinyl chloride	2.36	62	374153	23.361	ug/L	99
6) Bromomethane	2.78	94	224711	24.027	ug/L	99
8) Chloroethane	2.92	64	218362	24.381	ug/L	99
9) Trichlorofluoromethane	3.26	101	175591	20.727	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	344449	23.685	ug/L	100
12) 1,1-Dichloroethene	4.04	96	348722	24.487	ug/L	96
13) Acetone	4.12	43	209721	40.571	ug/L	98
14) Carbon disulfide	4.39	76	1012683	23.032	ug/L	98
15) Methyl Acetate	4.67	43	174068	24.955	ug/L	98
16) Methylene chloride	4.92	84	386113	21.274	ug/L	100
17) Methyl tert-butyl Ether	5.42	73	507381	27.679	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	363978	24.262	ug/L	99
19) 1,1-Dichloroethane	6.21	63	654014	24.117	ug/L	100
21) 2-Butanone	7.17	43	264175	47.633	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	392243	24.840	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	172272	25.201	ug/L	97
25) Chloroform	7.67	83	636887	24.554	ug/L	100
27) 1,2-Dichloroethane	8.40	62	404237	24.007	ug/L	98
30) Cyclohexane	7.95	56	635552	24.881	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	487247	23.786	ug/L	100
32) Carbon tetrachloride	8.07	117	458134	24.005	ug/L	98
34) Benzene	8.32	78	1504945	25.043	ug/L	100
35) Trichloroethene	9.09	95	377892	24.365	ug/L	98
36) Methylcyclohexane	9.34	83	662595	24.352	ug/L	100
40) 1,2-Dichloropropane	9.37	63	375247	24.671	ug/L	100
41) Bromodichloromethane	9.64	83	449699	24.580	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	580245	25.538	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	495355	50.732	ug/L	100
44) Toluene	10.38	91	1597242	25.434	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	461860	25.422	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	273719	25.407	ug/L	99
47) Tetrachloroethene	10.86	164	316084	24.271	ug/L	98
49) 2-Hexanone	10.96	43	359868	53.972	ug/L	98
50) Dibromochloromethane	11.13	129	311530	25.466	ug/L	94
51) 1,2-Dibromoethane	11.23	107	259170	25.484	ug/L	99
52) Chlorobenzene	11.65	112	995887	25.086	ug/L	98
53) Ethylbenzene	11.73	91	1737880	25.169	ug/L	99
54) m,p-Xylene	11.84	106	665724	25.478	ug/L	97
55) o-xylene	12.16	106	634870	25.723	ug/L	100
56) Styrene	12.18	104	1091719	26.281	ug/L	98
57) Isopropylbenzene	12.46	105	1691778	25.769	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	333580	25.501	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	244579	24.959	ug/L	100
62) Bromoform	12.35	173	184822	25.227	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	797369	25.689	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	780446	24.936	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	719355	25.852	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	53883	26.150	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	618756	26.910	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	509410	29.554	ug/L	99
69) Naphthalene	15.36	128	972246	32.672	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	466054	29.838	ug/L	99

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

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