

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017224.D
 Acq On : 13 Nov 2020 19:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Nov 16 14:18:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	415262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115899	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
7) Chloroethane-d5	2.90	69	102609	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	4.03	63	215526	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.16%
20) 2-Butanone-d5	7.08	46	58154	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	270621	27.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.68%
26) 1,2-Dichloroethane-d4	8.31	65	132826	27.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.24%
29) Benzene-d6	8.28	84	499481	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.27	67	140936	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	10.33	98	471587	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.28%
38) trans-1,3-Dichloropropene-	10.58	79	61393	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	10.93	63	49654	51.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126012	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	185093	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	88140	21.155	ug/L	99
3) Chloromethane	2.21	50	81151	21.461	ug/L	97
5) Vinyl chloride	2.37	62	131266	23.669	ug/L	96
6) Bromomethane	2.78	94	94357	24.602	ug/L	96
8) Chloroethane	2.93	64	81884	24.470	ug/L	98
9) Trichlorofluoromethane	3.26	101	113172	25.090	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	129717	24.201	ug/L	100
12) 1,1-Dichloroethene	4.04	96	119744	23.233	ug/L	93
13) Acetone	4.14	43	31471	40.184	ug/L	98
14) Carbon disulfide	4.40	76	281637	20.079	ug/L	99
15) Methyl Acetate	4.68	43	39194	20.191	ug/L	98
16) Methylene chloride	4.92	84	131082	23.413	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	157130	24.967	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	124697	23.373	ug/L	97
19) 1,1-Dichloroethane	6.22	63	207038	24.494	ug/L	98
21) 2-Butanone	7.18	43	49648	39.480	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	138997	24.641	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	65331	24.055	ug/L	97
25) Chloroform	7.68	83	235760	25.619	ug/L	99
27) 1,2-Dichloroethane	8.40	62	139717	25.335	ug/L	94
30) Cyclohexane	7.96	56	159011	21.554	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	204873	25.533	ug/L	99
32) Carbon tetrachloride	8.07	117	190658	24.625	ug/L	99
34) Benzene	8.33	78	486240	23.633	ug/L	100
35) Trichloroethene	9.10	95	134581	23.351	ug/L	100
36) Methylcyclohexane	9.34	83	198493	21.403	ug/L	98
40) 1,2-Dichloropropane	9.37	63	113026	23.501	ug/L	98
41) Bromodichloromethane	9.65	83	165389	24.864	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	182339	23.936	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	115832	39.037	ug/L	100
44) Toluene	10.39	91	547294	24.167	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	156036	23.851	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	95467	23.023	ug/L	100
47) Tetrachloroethene	10.87	164	117278	22.554	ug/L	96
49) 2-Hexanone	10.97	43	79996	44.718	ug/L	95
50) Dibromochloromethane	11.13	129	120636	23.879	ug/L	97
51) 1,2-Dibromoethane	11.24	107	90438	22.450	ug/L	98
52) Chlorobenzene	11.66	112	372473	24.318	ug/L	99
53) Ethylbenzene	11.73	91	620608	24.534	ug/L	98
54) m,p-Xylene	11.84	106	243576	24.616	ug/L	99
55) o-xylene	12.16	106	234415	24.959	ug/L	93
56) Styrene	12.18	104	401675	25.473	ug/L	98
57) Isopropylbenzene	12.46	105	642350	25.201	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	107692	22.481	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	76397	22.188	ug/L	99
62) Bromoform	12.35	173	67056	22.008	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	309108	25.034	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	303606	24.475	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	278230	24.988	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	15734	21.372	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	228917	25.160	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	186449	25.679	ug/L	99
69) Naphthalene	15.36	128	317128	23.734	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	161519	24.346	ug/L	98

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

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