

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016455.D
 Acq On : 03 Sep 2020 18:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Sep 04 05:38:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	789620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	728870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	343343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	199095	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
7) Chloroethane-d5	2.90	69	185457	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.03	63	434442	22.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.20%
20) 2-Butanone-d5	7.08	46	136203	45.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.04%
24) Chloroform-d	7.65	84	447201	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	241112	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.36%
29) Benzene-d6	8.28	84	879884	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	9.27	67	255556	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.33	98	842433	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.58	79	129059	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.00%
39) 2-Hexanone-d5	10.93	63	109188	49.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225220	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	304618	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	217134	24.579	ug/L 92
3) Chloromethane	2.22	50	197532	25.468	ug/L 100
5) Vinyl chloride	2.37	62	257175	26.033	ug/L 98
6) Bromomethane	2.79	94	195640	26.496	ug/L 100
8) Chloroethane	2.93	64	163107	26.839	ug/L 99
9) Trichlorofluoromethane	3.27	101	200263	24.753	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	238300	24.903	ug/L 98
12) 1,1-Dichloroethene	4.05	96	243011	24.975	ug/L 99
13) Acetone	4.12	43	89927	46.830	ug/L 98
14) Carbon disulfide	4.39	76	730750	24.575	ug/L 99
15) Methyl Acetate	4.67	43	113241	24.315	ug/L 100
16) Methylene chloride	4.92	84	259859	21.087	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	375258	25.708	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	255474	24.718	ug/L 96
19) 1,1-Dichloroethane	6.22	63	430164	24.454	ug/L 98
21) 2-Butanone	7.17	43	148132	45.961	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	275740	25.609	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	126108	25.267	ug/L	94
25) Chloroform	7.68	83	451554	24.801	ug/L	99
27) 1,2-Dichloroethane	8.40	62	298562	24.626	ug/L	97
30) Cyclohexane	7.96	56	404426	23.228	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	386105	24.464	ug/L	99
32) Carbon tetrachloride	8.07	117	373876	24.767	ug/L	99
34) Benzene	8.33	78	982103	24.644	ug/L	100
35) Trichloroethene	9.09	95	270203	24.470	ug/L	98
36) Methylcyclohexane	9.34	83	469654	24.309	ug/L	97
40) 1,2-Dichloropropane	9.37	63	235903	23.942	ug/L	99
41) Bromodichloromethane	9.65	83	342469	24.861	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	412644	24.679	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	330222	47.329	ug/L	98
44) Toluene	10.39	91	1112958	24.958	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	361922	24.215	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	196397	25.149	ug/L	96
47) Tetrachloroethene	10.87	164	221020	24.964	ug/L	93
49) 2-Hexanone	10.97	43	225907	46.492	ug/L	98
50) Dibromochloromethane	11.13	129	246108	24.923	ug/L	99
51) 1,2-Dibromoethane	11.24	107	196689	25.205	ug/L #	98
52) Chlorobenzene	11.66	112	719221	25.425	ug/L	99
53) Ethylbenzene	11.73	91	1248670	24.860	ug/L	97
54) m,p-Xylene	11.84	106	484344	25.230	ug/L	100
55) o-xylene	12.17	106	465400	25.451	ug/L	100
56) Styrene	12.18	104	793724	25.262	ug/L	98
57) Isopropylbenzene	12.47	105	1266189	25.277	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	233142	25.044	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	172044	24.727	ug/L	99
62) Bromoform	12.35	173	155561	27.001	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	563714	26.079	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	554038	25.849	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	513977	26.750	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	42767	23.904	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	395871	26.571	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	334525	25.959	ug/L	96
69) Naphthalene	15.37	128	724420	26.635	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	279197	25.234	ug/L	95

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

