

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016076.D
 Acq On : 07 Aug 2020 15:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Aug 08 03:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	291449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91213	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	2.89	69	71288	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	4.01	63	189726	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.28%
20) 2-Butanone-d5	7.09	46	45709	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
24) Chloroform-d	7.65	84	201023	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	100675	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.64%
29) Benzene-d6	8.27	84	405140	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.27	67	115072	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	381425	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.28%
38) trans-1,3-Dichloropropene-	10.58	79	49895	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	10.93	63	39383	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93168	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	134246	26.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	57740	23.413	ug/L 99
3) Chloromethane	2.21	50	58808	19.716	ug/L 99
5) Vinyl chloride	2.36	62	91688	19.930	ug/L 98
6) Bromomethane	2.78	94	57342	20.893	ug/L 98
8) Chloroethane	2.93	64	55453	20.577	ug/L 97
9) Trichlorofluoromethane	3.26	101	73467	23.758	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	100582	26.609	ug/L 93
12) 1,1-Dichloroethene	4.03	96	95264	25.427	ug/L 89
13) Acetone	4.14	43	37895	41.771	ug/L 92
14) Carbon disulfide	4.37	76	247592	20.925	ug/L 99
15) Methyl Acetate	4.68	43	36751	21.485	ug/L 94
16) Methylene chloride	4.91	84	116767	24.450	ug/L 91
17) Methyl tert-butyl Ether	5.43	73	131840	24.885	ug/L 95
18) trans-1,2-Dichloroethene	5.42	96	98426	24.878	ug/L 94
19) 1,1-Dichloroethane	6.21	63	174905	23.990	ug/L 100
21) 2-Butanone	7.18	43	51347	45.770	ug/L 76
22) cis-1,2-Dichloroethene	7.17	96	108538	26.222	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49491	27.267	ug/L	87
25) Chloroform	7.68	83	185896	25.727	ug/L	100
27) 1,2-Dichloroethane	8.40	62	111036	22.584	ug/L	97
30) Cyclohexane	7.96	56	150292	22.030	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	159594	25.261	ug/L	96
32) Carbon tetrachloride	8.07	117	149428	26.083	ug/L	100
34) Benzene	8.32	78	407458	24.795	ug/L	100
35) Trichloroethene	9.09	95	107745	24.786	ug/L	93
36) Methylcyclohexane	9.34	83	181376	24.316	ug/L	95
40) 1,2-Dichloropropane	9.37	63	99441	24.427	ug/L	98
41) Bromodichloromethane	9.65	83	133509	25.394	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	153121	24.696	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	108363	45.604	ug/L	94
44) Toluene	10.39	91	446376	25.899	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	133013	24.750	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	76718	26.207	ug/L	98
47) Tetrachloroethene	10.86	164	93418	27.686	ug/L	96
49) 2-Hexanone	10.97	43	74895	44.416	ug/L	94
50) Dibromochloromethane	11.13	129	95005	28.031	ug/L	99
51) 1,2-Dibromoethane	11.24	107	73454	26.229	ug/L	97
52) Chlorobenzene	11.66	112	285728	25.872	ug/L	100
53) Ethylbenzene	11.73	91	501376	25.870	ug/L	100
54) m,p-Xylene	11.84	106	196444	27.092	ug/L	95
55) o-xylene	12.17	106	185095	27.110	ug/L	96
56) Styrene	12.18	104	321055	27.651	ug/L	98
57) Isopropylbenzene	12.46	105	510972	27.492	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	88792	25.830	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	64516	25.049	ug/L	99
62) Bromoform	12.35	173	55221	28.360	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	233803	27.599	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	235394	27.379	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	208874	27.145	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	13949	24.085	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	171317	28.761	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	137011	28.959	ug/L	99
69) Naphthalene	15.37	128	238151	26.719	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	117168	27.794	ug/L	95

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

