

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016096.D
 Acq On : 08 Aug 2020 01:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Aug 08 05:13:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286634	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88591	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.89	69	73378	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.01	63	195633	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.52%
20) 2-Butanone-d5	7.08	46	52802	46.49	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.98%
24) Chloroform-d	7.65	84	215343	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	107262	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.84%
29) Benzene-d6	8.28	84	431988	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	125848	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
37) Toluene-d8	10.33	98	404514	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	10.58	79	52194	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.93	63	43590	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101087	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	139432	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	53779	20.742	ug/L 98
3) Chloromethane	2.21	50	60002	19.135	ug/L 100
5) Vinyl chloride	2.36	62	93744	19.383	ug/L 100
6) Bromomethane	2.78	94	61879	21.446	ug/L 100
8) Chloroethane	2.92	64	59205	20.897	ug/L 97
9) Trichlorofluoromethane	3.26	101	79523	24.462	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	102585	25.815	ug/L 93
12) 1,1-Dichloroethene	4.03	96	100152	25.427	ug/L 90
13) Acetone	4.12	43	35083	36.784	ug/L 92
14) Carbon disulfide	4.37	76	261508	21.023	ug/L 99
15) Methyl Acetate	4.67	43	42384	23.569	ug/L 94
16) Methylene chloride	4.91	84	147432	29.365	ug/L 90
17) Methyl tert-butyl Ether	5.43	73	151613	27.221	ug/L 95
18) trans-1,2-Dichloroethene	5.42	96	108003	25.967	ug/L 93
19) 1,1-Dichloroethane	6.21	63	193259	25.214	ug/L 99
21) 2-Butanone	7.17	43	57253	48.544	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	119452	27.450	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	55463	29.066	ug/L	77
25) Chloroform	7.68	83	205785	27.090	ug/L	99
27) 1,2-Dichloroethane	8.40	62	122302	23.661	ug/L #	94
30) Cyclohexane	7.96	56	154581	21.388	ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	172244	25.735	ug/L	96
32) Carbon tetrachloride	8.07	117	157749	25.992	ug/L	99
34) Benzene	8.32	78	447686	25.716	ug/L	100
35) Trichloroethene	9.09	95	117699	25.558	ug/L	93
36) Methylcyclohexane	9.34	83	187153	23.684	ug/L	95
40) 1,2-Dichloropropane	9.37	63	108708	25.206	ug/L	98
41) Bromodichloromethane	9.65	83	145622	26.146	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	163311	24.863	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	122525	48.673	ug/L #	94
44) Toluene	10.39	91	499792	27.373	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	141905	24.925	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	85866	27.687	ug/L	97
47) Tetrachloroethene	10.87	164	99601	27.863	ug/L	89
49) 2-Hexanone	10.97	43	84184	47.126	ug/L #	94
50) Dibromochloromethane	11.13	129	104359	29.065	ug/L	99
51) 1,2-Dibromoethane	11.24	107	80695	27.199	ug/L	97
52) Chlorobenzene	11.66	112	321284	27.460	ug/L	97
53) Ethylbenzene	11.73	91	552415	26.905	ug/L	99
54) m,p-Xylene	11.84	106	210949	27.462	ug/L	92
55) o-xylene	12.17	106	205263	28.378	ug/L	100
56) Styrene	12.18	104	353710	28.755	ug/L	100
57) Isopropylbenzene	12.47	105	550445	27.955	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	99947	27.445	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	71748	26.295	ug/L	99
62) Bromoform	12.35	173	61693	30.342	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	247166	27.941	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	238348	26.548	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	228085	28.386	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	15041	24.870	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	167265	26.891	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	126897	25.685	ug/L	100
69) Naphthalene	15.37	128	241108	25.904	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	116899	26.555	ug/L	98

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

