

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016921.D
 Acq On : 15 Oct 2020 18:53
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Oct 16 08:16:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	478023	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440841	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218098	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116098	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
7) Chloroethane-d5	2.90	69	101631	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
10) 1,1-Dichloroethene-d2	4.03	63	239033	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.48%
20) 2-Butanone-d5	7.09	46	66314	62.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.16%
24) Chloroform-d	7.65	84	282540	28.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.04%
26) 1,2-Dichloroethane-d4	8.31	65	135387	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	8.27	84	540122	26.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.92%
33) 1,2-Dichloropropane-d6	9.28	67	152413	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	10.33	98	507526	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.44%
38) trans-1,3-Dichloropropene-	10.58	79	64155	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.12%
39) 2-Hexanone-d5	10.93	63	55529	66.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131801	30.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	194913	28.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	100733	17.630	ug/L 95
3) Chloromethane	2.21	50	86758	17.226	ug/L 99
5) Vinyl chloride	2.37	62	139406	21.321	ug/L 98
6) Bromomethane	2.79	94	93493	19.450	ug/L 100
8) Chloroethane	2.93	64	83538	20.701	ug/L 97
9) Trichlorofluoromethane	3.27	101	97301	19.260	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	134019	20.824	ug/L 100
12) 1,1-Dichloroethene	4.04	96	126317	20.438	ug/L # 80
13) Acetone	4.14	43	33568	41.529	ug/L 93
14) Carbon disulfide	4.40	76	342367	19.319	ug/L 100
15) Methyl Acetate	4.68	43	41856	21.673	ug/L 100
16) Methylene chloride	4.92	84	135830	20.589	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	148945	21.536	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	130641	20.233	ug/L 98
19) 1,1-Dichloroethane	6.23	63	206066	20.725	ug/L 99
21) 2-Butanone	7.18	43	53068	39.109	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	136314	20.691	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	64310	20.787	ug/L	98
25) Chloroform	7.68	83	223263	20.793	ug/L	100
27) 1,2-Dichloroethane	8.40	62	133994	20.861	ug/L	97
30) Cyclohexane	7.96	56	181636	19.868	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	192044	20.485	ug/L	100
32) Carbon tetrachloride	8.07	117	184498	20.167	ug/L	97
34) Benzene	8.33	78	481151	20.324	ug/L	100
35) Trichloroethene	9.09	95	133746	19.973	ug/L	98
36) Methylcyclohexane	9.34	83	222449	19.757	ug/L	98
40) 1,2-Dichloropropane	9.37	63	111468	20.823	ug/L	100
41) Bromodichloromethane	9.65	83	154068	20.487	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	176072	20.629	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	120380	44.667	ug/L	99
44) Toluene	10.39	91	540440	20.578	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	149333	20.792	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	93941	21.587	ug/L	96
47) Tetrachloroethene	10.87	164	149995	24.161	ug/L	99
49) 2-Hexanone	10.97	43	80903	45.480	ug/L	99
50) Dibromochloromethane	11.13	129	112635	20.820	ug/L	100
51) 1,2-Dibromoethane	11.24	107	89775	20.993	ug/L	95
52) Chlorobenzene	11.66	112	357021	20.256	ug/L	97
53) Ethylbenzene	11.73	91	609029	20.672	ug/L	98
54) m,p-Xylene	11.84	106	236991	20.683	ug/L	94
55) o-xylene	12.17	106	223011	20.371	ug/L	100
56) Styrene	12.18	104	386446	21.392	ug/L	97
57) Isopropylbenzene	12.46	105	623254	20.790	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	102889	21.394	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	74570	21.404	ug/L	98
62) Bromoform	12.35	173	63359	20.651	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	289053	20.825	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	282542	20.354	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	259870	20.910	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	15640	20.747	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	210205	20.374	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	172287	20.330	ug/L	97
69) Naphthalene	15.37	128	305746	21.788	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	154023	21.151	ug/L	99

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

