

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015052.D
 Acq On : 26 Feb 2020 19:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Feb 27 02:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 02:01:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	635998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	596411	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	271921	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	350510	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.12%
7) Chloroethane-d5	2.89	69	263735	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.02	63	587090	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.84%
20) 2-Butanone-d5	7.07	46	168161	63.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.48%
24) Chloroform-d	7.65	84	540483	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.30	65	319687	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.36%
29) Benzene-d6	8.27	84	1073952	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	9.27	67	358940	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.64%
37) Toluene-d8	10.32	98	925426	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.28%
38) trans-1,3-Dichloropropene-	10.57	79	137379	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.36%
39) 2-Hexanone-d5	10.92	63	125996	69.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	268206	30.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	255055	25.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	126914	23.386	ug/L 96
3) Chloromethane	2.21	50	285024	22.911	ug/L 100
5) Vinyl chloride	2.36	62	380309	23.628	ug/L 99
6) Bromomethane	2.78	94	172387	23.857	ug/L 97
8) Chloroethane	2.93	64	214453	24.486	ug/L 100
9) Trichlorofluoromethane	3.26	101	160052	22.064	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	260006	26.025	ug/L 100
12) 1,1-Dichloroethene	4.04	96	238746	25.100	ug/L 84
13) Acetone	4.12	43	166946	53.082	ug/L 99
14) Carbon disulfide	4.38	76	875496	24.597	ug/L 100
15) Methyl Acetate	4.67	43	163799	30.930	ug/L 99
16) Methylene chloride	4.91	84	297544	25.276	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	311924	27.093	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	251335	25.576	ug/L 98
19) 1,1-Dichloroethane	6.21	63	579814	26.454	ug/L 99
21) 2-Butanone	7.16	43	224614	60.734	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	264969	26.495	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	105923	27.227	ug/L	94
25) Chloroform	7.67	83	523991	26.344	ug/L	100
27) 1,2-Dichloroethane	8.40	62	383705	28.194	ug/L	98
30) Cyclohexane	7.95	56	527179	26.438	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	384202	24.978	ug/L	99
32) Carbon tetrachloride	8.06	117	348625	25.293	ug/L	99
34) Benzene	8.32	78	1212018	27.319	ug/L	100
35) Trichloroethene	9.09	95	275090	25.633	ug/L	99
36) Methylcyclohexane	9.33	83	503895	27.343	ug/L	100
40) 1,2-Dichloropropane	9.37	63	341925	27.749	ug/L	100
41) Bromodichloromethane	9.64	83	379926	27.488	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	441505	27.497	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	462122	67.054	ug/L	100
44) Toluene	10.38	91	1212576	28.142	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	371080	28.594	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	198068	28.565	ug/L	99
47) Tetrachloroethene	10.86	164	179195	25.908	ug/L	96
49) 2-Hexanone	10.96	43	340978	68.244	ug/L	98
50) Dibromochloromethane	11.12	129	208023	28.190	ug/L	96
51) 1,2-Dibromoethane	11.23	107	179215	29.656	ug/L #	96
52) Chlorobenzene	11.65	112	670595	26.460	ug/L	99
53) Ethylbenzene	11.73	91	1314819	27.934	ug/L	100
54) m,p-Xylene	11.83	106	461813	28.042	ug/L	98
55) o-xylene	12.16	106	435384	28.374	ug/L	98
56) Styrene	12.18	104	777492	29.583	ug/L	99
57) Isopropylbenzene	12.46	105	1184668	28.349	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	266628	30.476	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	202128	30.059	ug/L	100
62) Bromoform	12.35	173	104945	27.458	ug/L	99
63) 1,3-Dichlorobenzene	13.49	146	469372	26.459	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	476903	26.111	ug/L	96
65) 1,2-Dichlorobenzene	13.86	146	427753	26.625	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	41680	29.386	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	312834	26.298	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	231859	26.669	ug/L	97
69) Naphthalene	15.36	128	220301	28.543	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	221432	28.376	ug/L	99

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

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