

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030220\
 Data File : VW015090.D
 Acq On : 02 Mar 2020 16:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Mar 03 02:25:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 02:23:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	710203	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	663023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	305297	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	273083	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
7) Chloroethane-d5	2.89	69	225160	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.32%
10) 1,1-Dichloroethene-d2	4.03	63	550326	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.07	46	181050	60.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.94%
24) Chloroform-d	7.65	84	508328	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.30	65	308057	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.40%
29) Benzene-d6	8.27	84	983481	21.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.36%
33) 1,2-Dichloropropane-d6	9.27	67	337951	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	857434	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.57	79	133245	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.52%
39) 2-Hexanone-d5	10.92	63	130611	64.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	269768	27.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	240906	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	134938	22.267	ug/L 99
3) Chloromethane	2.21	50	251773	18.124	ug/L 98
5) Vinyl chloride	2.36	62	349577	19.449	ug/L 100
6) Bromomethane	2.78	94	171851	21.298	ug/L 99
8) Chloroethane	2.92	64	206679	21.133	ug/L 96
9) Trichlorofluoromethane	3.26	101	176910	21.840	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	266622	23.899	ug/L 100
12) 1,1-Dichloroethene	4.04	96	249224	23.464	ug/L 86
13) Acetone	4.12	43	194922	55.501	ug/L 97
14) Carbon disulfide	4.38	76	871529	21.927	ug/L 99
15) Methyl Acetate	4.67	43	182826	30.916	ug/L 99
16) Methylene chloride	4.92	84	318875	24.257	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	364360	28.341	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	264759	24.127	ug/L 97
19) 1,1-Dichloroethane	6.21	63	604027	24.679	ug/L 98
21) 2-Butanone	7.16	43	258256	62.534	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	289203	25.896	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	115010	26.473	ug/L	94
25) Chloroform	7.67	83	547082	24.631	ug/L	99
27) 1,2-Dichloroethane	8.40	62	416201	27.387	ug/L	99
30) Cyclohexane	7.95	56	565344	25.503	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	408770	23.906	ug/L	98
32) Carbon tetrachloride	8.07	117	363064	23.694	ug/L	99
34) Benzene	8.32	78	1252612	25.397	ug/L	100
35) Trichloroethene	9.09	95	290751	24.370	ug/L	99
36) Methylcyclohexane	9.34	83	540063	26.362	ug/L	98
40) 1,2-Dichloropropane	9.37	63	358502	26.172	ug/L	100
41) Bromodichloromethane	9.64	83	404289	26.312	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	487900	27.334	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	518369	67.659	ug/L	100
44) Toluene	10.38	91	1274328	26.604	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	408331	28.304	ug/L	100
46) 1,1,2-Trichloroethane	10.78	97	219613	28.490	ug/L	96
47) Tetrachloroethene	10.86	164	188890	24.566	ug/L	97
49) 2-Hexanone	10.96	43	387071	69.686	ug/L	99
50) Dibromochloromethane	11.13	129	225670	27.509	ug/L	99
51) 1,2-Dibromoethane	11.23	107	199120	29.640	ug/L	94
52) Chlorobenzene	11.65	112	722125	25.631	ug/L	98
53) Ethylbenzene	11.73	91	1404653	26.844	ug/L	99
54) m,p-Xylene	11.83	106	495715	27.077	ug/L	100
55) o-xylene	12.16	106	469482	27.522	ug/L	97
56) Styrene	12.18	104	819935	28.063	ug/L	100
57) Isopropylbenzene	12.46	105	1291714	27.805	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	301949	31.046	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	228120	30.516	ug/L	99
62) Bromoform	12.35	173	114971	26.792	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	507982	25.505	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	515010	25.115	ug/L	97
65) 1,2-Dichlorobenzene	13.86	146	469301	26.018	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	47473	29.811	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	333380	24.961	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	255914	26.218	ug/L	99
69) Naphthalene	15.36	128	270284	31.191	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	244040	27.855	ug/L	98

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

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