

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061220\
 Data File : VW015600.D
 Acq On : 12 Jun 2020 12:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Jun 13 00:24:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 00:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148518	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	62664	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.20%
7) Chloroethane-d5	2.90	69	73037	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
10) 1,1-Dichloroethene-d2	4.03	63	165679	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.36%
20) 2-Butanone-d5	7.08	46	52630	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.65	84	186744	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	105624	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	8.27	84	349084	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	9.27	67	107986	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.32	98	332765	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.28%
38) trans-1,3-Dichloropropene-	10.58	79	44939	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.20%
39) 2-Hexanone-d5	10.93	63	42819	54.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90453	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	118457	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	64738	22.558	ug/L	99
3) Chloromethane	2.21	50	65817	20.834	ug/L	100
5) Vinyl chloride	2.37	62	117513	24.735	ug/L	99
6) Bromomethane	2.78	94	74699	24.191	ug/L	99
8) Chloroethane	2.93	64	73522	25.422	ug/L	97
9) Trichlorofluoromethane	3.26	101	93455	27.641	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	99658	24.853	ug/L	98
12) 1,1-Dichloroethene	4.04	96	94929	24.508	ug/L	90
13) Acetone	4.12	43	47930	63.791	ug/L	99
14) Carbon disulfide	4.38	76	277209	21.452	ug/L	100
15) Methyl Acetate	4.67	43	42717	26.278	ug/L	99
16) Methylene chloride	4.92	84	111772	28.035	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	156776	25.505	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	103127	24.843	ug/L	99
19) 1,1-Dichloroethane	6.22	63	188581	25.257	ug/L	100
21) 2-Butanone	7.18	43	61731	53.483	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	110092	25.423	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47998	25.704	ug/L	95
25) Chloroform	7.68	83	194925	25.928	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136776	26.893	ug/L	99
30) Cyclohexane	7.96	56	172659	23.088	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	169118	24.987	ug/L	100
32) Carbon tetrachloride	8.07	117	152811	24.616	ug/L	100
34) Benzene	8.32	78	424557	25.094	ug/L	100
35) Trichloroethene	9.09	95	112920	24.847	ug/L	99
36) Methylcyclohexane	9.34	83	195697	24.144	ug/L	100
40) 1,2-Dichloropropane	9.37	63	106649	25.597	ug/L	100
41) Bromodichloromethane	9.65	83	139698	25.098	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	166469	24.968	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	136697	55.970	ug/L	99
44) Toluene	10.39	91	471688	25.589	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	145248	25.033	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	77754	26.675	ug/L	98
47) Tetrachloroethene	10.87	164	91546	25.412	ug/L	94
49) 2-Hexanone	10.97	43	89916	54.543	ug/L	99
50) Dibromochloromethane	11.13	129	92576	26.141	ug/L	98
51) 1,2-Dibromoethane	11.24	107	73631	26.312	ug/L	96
52) Chlorobenzene	11.66	112	295734	25.578	ug/L	98
53) Ethylbenzene	11.73	91	542441	25.628	ug/L	99
54) m,p-Xylene	11.84	106	204178	25.708	ug/L	97
55) o-xylene	12.17	106	194533	25.804	ug/L	98
56) Styrene	12.18	104	330327	25.643	ug/L	99
57) Isopropylbenzene	12.46	105	545738	25.987	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	94080	27.879	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	69197	27.043	ug/L	100
62) Bromoform	12.35	173	49785	24.059	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	232008	25.529	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	226577	25.444	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	210352	26.635	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	14517	24.231	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	161229	25.625	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	131504	25.950	ug/L	96
69) Naphthalene	15.37	128	239198	25.995	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	111179	25.788	ug/L	99

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

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